

Converting Colors

YIQ(240.3620, -12.8830,
-3.3070)

Have a look what the booklet for
YIQ(240.3620, -12.8830, -3.3070)
contains.

YIQ(240.3620, -12.8830, -3.3070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(240.3620, -12.8830,
-3.3070)**

Conversions

Conversions Part 1

Format	Color
Hex	E2F6F9
RGB	226, 246, 249
RGB Percent	89%, 96%, 98%
CMY	0.1138, 0.0352, 0.0236
CMYK	0.09, 0.01, 0.00, 0.02
HSL	188°, 66%, 93%
HSV	188°, 9%, 98%
XYZ	81.4155, 88.9222, 102.4840
YIQ	240.3620, -12.8830, -3.3070

Conversions

Conversions Part 2

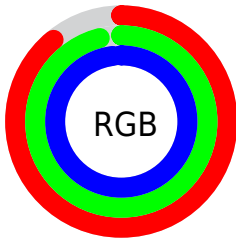
Format	Color
R _Y B	226, 237, 249
Decimal	14874361
CIE Lab	95.55, -5.96, -3.68
CIE LCh	96, 7.001, 211.699
Yxy	88.9222, 0.2984, 0.3259
Android (android.graphics.Color)	4293064441 (0xFFE2F6F9)
YUV	240.3620, 4.2585, -12.5955
Hunter-Lab	94.2986, -10.9093, 1.5724

Details

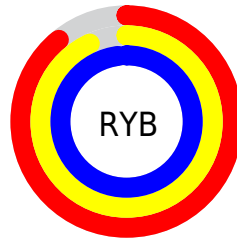
The YIQ color $240.3620, -12.8830, -3.3070$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.6380, 12.8830, 3.3070$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.6610, -12.2870, -3.0950$ is the 20% darker color. If you saturate the color by 10%, you get $231.1260, -26.9580, -7.0380$, and if you desaturate by 10%, it is $249.5980, 1.1920, 0.4240$.

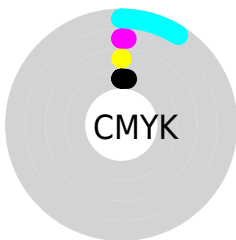
Distribution



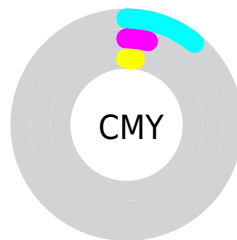
- Red (89%)
- Green (96%)
- Blue (98%)



- Red (89%)
- Yellow (93%)
- Blue (98%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (11%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.3620, -12.8830, -3.3070 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 240.3620, -12.8830, -3.3070 by changing the saturation by 10% instead.

■ 240.3620,
-12.8830, -3.3070

■ 240.3620,
-12.8830, -3.3070

255.0000, -0.0000,
-0.0000

■ 212.2480,
-12.5620, -3.6180

■ 184.6610,
-12.2870, -3.0950

■ 157.5470,
-11.9660, -3.4060

■ 130.9600,
-11.6910, -2.8830

■ 105.9600,
-11.6910, -2.8830

■ 82.1450, -10.7740,
-2.9820

■ 58.5580, -10.4990,

-2.4590

■ 36.5580, -10.4990,
-2.4590

■ 14.9490, -13.1580,
-3.8300

■ 240.3620,
-12.8830, -3.3070

■ 240.3620,
-12.8830, -3.3070

■ 231.1260,
-26.9580, -7.0380

■ 249.5980, 1.1920,
0.4240

■ 221.8900,
-41.0330, -10.7690

■ 252.5550, 2.7510,
-0.2970

■ 212.0670,
-54.8330, -13.9770

■ 254.3160, 1.9260,
-1.8660

■ 202.8310,
-68.9080, -17.7080

■ 193.5950,
-82.9830, -21.4390

■ 184.6580,
-96.4620, -24.9580

■ 174.8350,
-110.2620, -28.1660

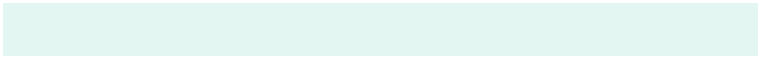
■ 165.5990,
-124.3370, -31.8970

■ 156.3630,
-138.4120, -35.6280

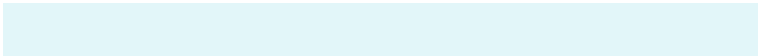
Harmonies

Analogous

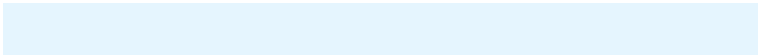
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.8630, -10.0400, -5.2720



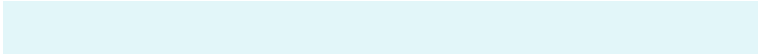
240.3620, -12.8830, -3.3070



241.2420, -12.4250, -0.5930

Triad

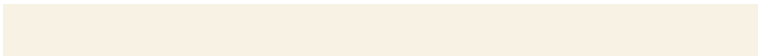
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.3620, -12.8830, -3.3070



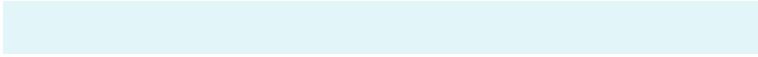
244.0270, 4.5380, 5.8660



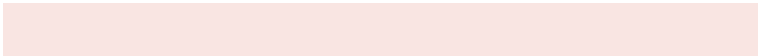
242.3120, 7.7490, -2.7710

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



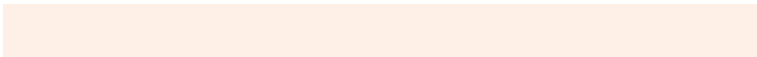
240.3620, -12.8830, -3.3070



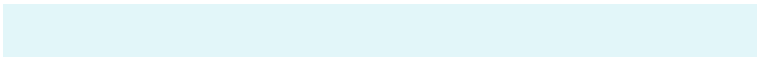
234.6380, 12.8830, 3.3070

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.0460, 11.5540, -0.1420



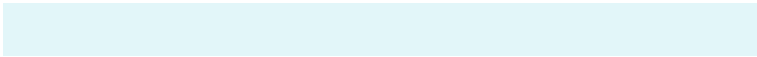
240.3620, -12.8830, -3.3070



243.5390, 8.8480, 4.8480

Square

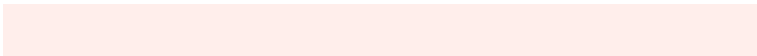
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.3620, -12.8830, -3.3070



242.7920, -2.1100, 5.2020



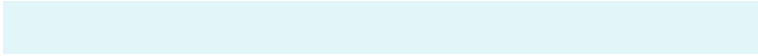
242.7410, 11.0950, 2.6710



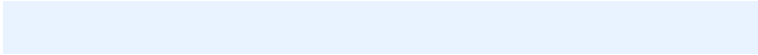
241.3220, 1.7890, -4.8910

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



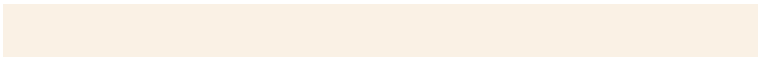
240.3620, -12.8830, -3.3070



241.3780, -9.8120, 1.6120



242.7410, 11.0950, 2.6710



242.3230, 9.2160, -1.8240

Sweetspot

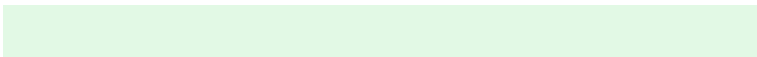
The Sweet Spot groups the original color and five complimentary colors.



240.3620, -12.8830, -3.3070



252.0210, -4.4930, -1.1730



239.8430, -7.2880, -11.0960



125.6190, -3.3010, -0.7490



0.0000, 0.0000, 0.0000



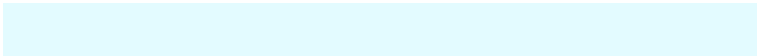
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.3620, -12.8830, -3.3070



244.2800, -15.5880, -3.8440



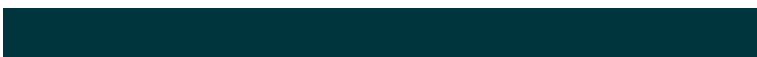
233.9050, -9.8580, 2.4460



119.9390, -7.1980, -1.7100



117.8140, -105.7690, -26.9930



38.0650, -34.1560, -8.7480

Inverse Universe

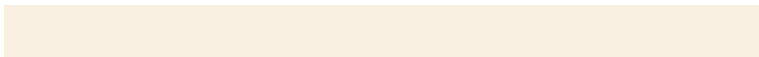
The Inverse Universe completely reimagines the original color for something new.



235.1570, 7.2880, 11.0960



238.1080, 8.9840, 13.4000



241.0950, 9.8580, -2.4460



117.1410, 4.2170, 6.1770



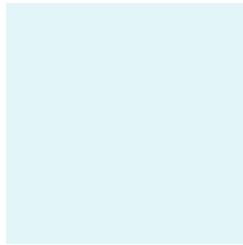
75.2070, 60.0000, 91.0720



24.2810, 19.3430, 29.4150

Previews

White Background



This preview shows how the YIQ color 240.3620, -12.8830, -3.3070 looks on a white background.

Color Contrast Check

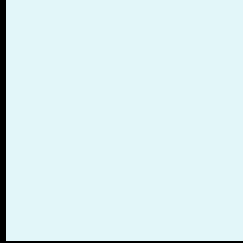
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 240.3620, -12.8830, -3.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

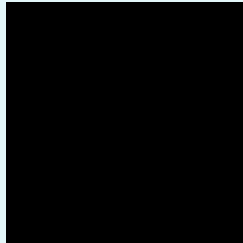
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

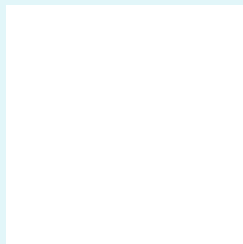
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 240.3620, -12.8830, -3.3070

Background



This preview shows how black text looks on a background with the YIQ color 240.3620, -12.8830, -3.3070.



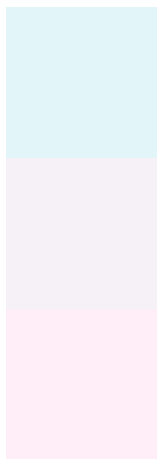
This preview shows how white text looks on a background with the YIQ color 240.3620, -12.8830,

-3.3070.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

240.3620, -12.8830, -3.3070

Protanopia

242.7660, 0.7790, 2.4030

Deuteranopia

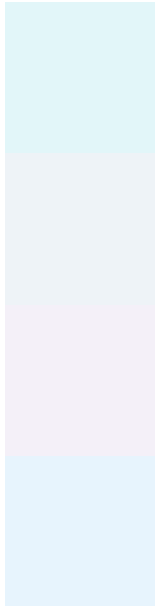
243.6360, 7.1970, 7.2370



Tritanopia

241.6770, -9.2160, 1.8240

Trichromacy



Original Color

240.3620, -12.8830, -3.3070

Protanomaly

241.9610, -4.2640, 0.1840

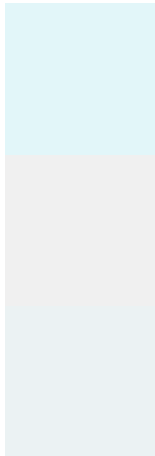
Deuteranomaly

242.1080, -0.1840, 3.3360

Tritanomaly

241.1390, -10.6370, 0.0430

Monochromacy



Original Color

240.3620, -12.8830, -3.3070

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.0210, -4.4930, -1.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.3620, -12.8830, -3.3070 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(226, 246, 249)` looks like.

```
.text, #text, p{  
    color:rgb(226, 246, 249)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 246, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 246, 249) }
```

Border

The CSS property to change the border of an element to YIQ 240.3620, -12.8830, -3.3070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 246, 249) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 246, 249) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(226, 246, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 246, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 246, 249);  
box-shadow:4px 4px 4px 4px rgb(226, 246,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 240.3620, -12.8830, -3.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 246, 249) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
246, 249) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor