

Converting Colors

YIQ(240.3290, -17.2840,
-6.1480)

Have a look what the booklet for
YIQ(240.3290, -17.2840, -6.1480)
contains.

YIQ(240.3290, -17.2840, -6.1480)	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(240.3290, -17.2840,
-6.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF9F9
RGB	220, 249, 249
RGB Percent	86%, 98%, 98%
CMY	0.1373, 0.0235, 0.0236
CMYK	0.12, 0.00, 0.00, 0.02
HSL	180°, 71%, 92%
HSV	180°, 12%, 98%
XYZ	80.4855, 89.8103, 102.7013
YIQ	240.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

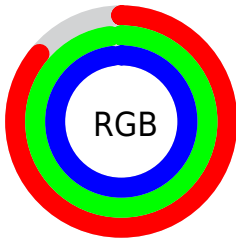
Format	Color
R _Y B	220, 235, 249
Decimal	14481913
CIE Lab	95.92, -9.37, -3.18
CIE LCh	96, 9.892, 198.747
Yxy	89.8103, 0.2948, 0.3290
Android (android.graphics.Color)	4292671993 (0xFFDC9F9F)
YUV	240.3290, 4.2748, -17.8285
Hunter-Lab	94.7683, -14.2467, 2.0846

Details

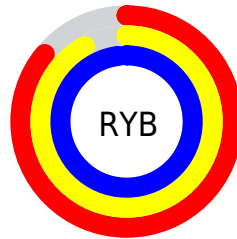
The YIQ color $240.3290, -17.2840, -6.1480$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $228.6710, 17.2840, 6.1480$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.6280, -16.6880, -5.9360$ is the 20% darker color. If you saturate the color by 10%, you get $232.8540, -32.1840, -11.4480$, and if you desaturate by 10%, it is $247.8040, -2.3840, -0.8480$.

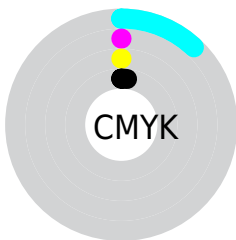
Distribution



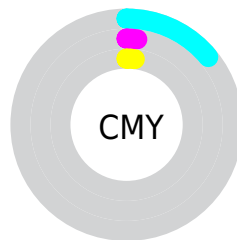
- Red (86%)
- Green (98%)
- Blue (98%)



- Red (86%)
- Yellow (92%)
- Blue (98%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.3290, -17.2840, -6.1480 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 240.3290, -17.2840, -6.1480 by changing the saturation by 10% instead.

■ 240.3290,
-17.2840, -6.1480

■ 240.3290,
-17.2840, -6.1480

255.0000, -0.0000,
-0.0000

■ 211.6280,
-16.6880, -5.9360

■ 184.6280,
-16.6880, -5.9360

■ 156.9270,
-16.0920, -5.7240

■ 130.9270,
-16.0920, -5.7240

■ 106.2260,
-15.4960, -5.5120

■ 81.5250, -14.9000,
-5.3000

■ 58.5250, -14.9000,

-5.3000

■ 35.9380, -14.6250,
-4.7770

■ 16.7100, -13.9830,
-5.3990

■ 240.3290,
-17.2840, -6.1480

■ 240.3290,
-17.2840, -6.1480

■ 232.8540,
-32.1840, -11.4480

■ 247.8040, -2.3840,
-0.8480

■ 225.3790,
-47.0840, -16.7480

■ 250.7940, 3.5760,
1.2720

■ 217.9040,
-61.9840, -22.0480

■ 210.4290,
-76.8840, -27.3480

■ 202.9540,
-91.7840, -32.6480

■ 195.7780,
-106.0880, -37.7360

■ 188.3030,
-120.9880, -43.0360

■ 180.8280,
-135.8880, -48.3360

■ 174.5490,
-148.4040, -52.7880

Harmonies

Analogous

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



240.3850, -11.6900, -8.4100



240.3290, -17.2840, -6.1480



241.0240, -17.7430, -3.3350

Triad

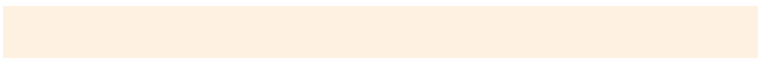
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.3290, -17.2840, -6.1480



244.7110, 2.6120, 7.7320



243.3620, 13.4800, -2.0080

Complementary

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



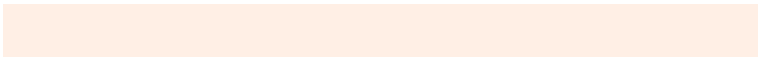
240.3290, -17.2840, -6.1480



228.6710, 17.2840, 6.1480

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.



242.6440, 12.7460, 0.2820



240.3290, -17.2840, -6.1480



243.5220, 7.5180, 6.9260

Square

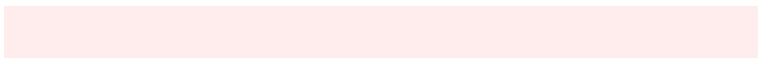
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.3290, -17.2840, -6.1480



243.1830, -4.7690, 3.8310



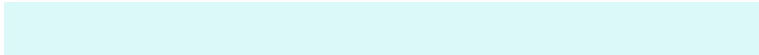
242.3820, 10.7280, 3.8160



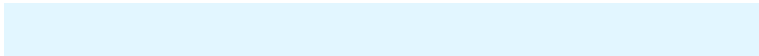
242.1330, 6.6950, -5.6970

Rectangle

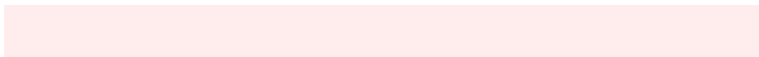
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



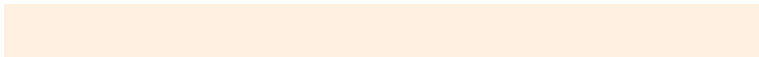
240.3290, -17.2840, -6.1480



241.0460, -14.8090, -1.4410



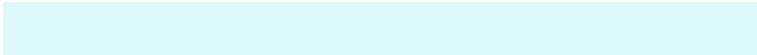
242.3820, 10.7280, 3.8160



242.8890, 13.4340, -1.1740

Sweetspot

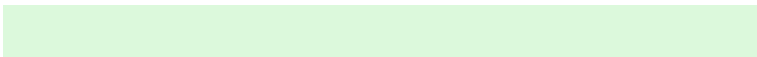
The Sweet Spot groups the original color and five complimentary colors.



240.3290, -17.2840, -6.1480



252.6080, -4.7680, -1.6960



237.0230, -7.9750, -15.1670



126.0920, -3.2550, -1.5830



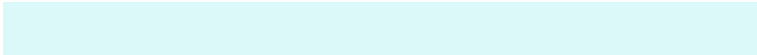
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

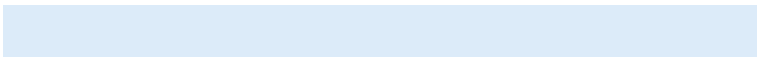
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.3290, -17.2840, -6.1480



244.2360, -21.4560, -7.6320



232.1110, -13.4340, 1.1740



121.1130, -7.7480, -2.7560



132.3750, -112.3230, -40.3790



42.7610, -36.3560, -12.9320

Inverse Universe

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



228.6710, 17.2840, 6.1480



229.7640, 21.4560, 7.6320



236.8890, 13.4340, -1.1740



115.8870, 7.7480, 2.7560



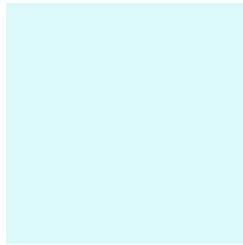
56.5110, 112.6440, 40.0680



18.2390, 36.3560, 12.9320

Previews

White Background



This preview shows how the YIQ color 240.3290, -17.2840, -6.1480 looks on a white background.

Color Contrast Check

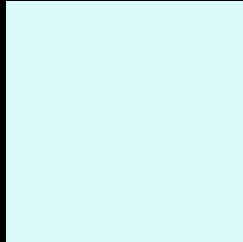
Large Text (above 18pt) WCAG AA × Fail

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 240.3290, -17.2840, -6.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

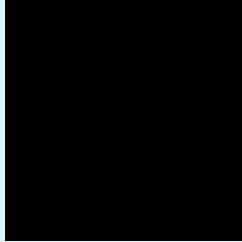
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

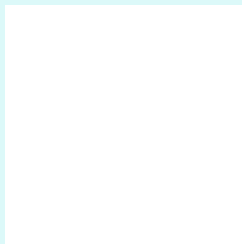
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 240.3290, -17.2840, -6.1480

Background



This preview shows how black text looks on a background with the YIQ color 240.3290, -17.2840, -6.1480.



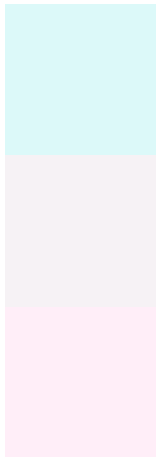
This preview shows how white text looks on a background with the YIQ color 240.3290, -17.2840, -6.1480.

-6.1480.

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

240.3290, -17.2840, -6.1480

Protanopia

243.5380, 1.4210, 1.7810

Deuteranopia

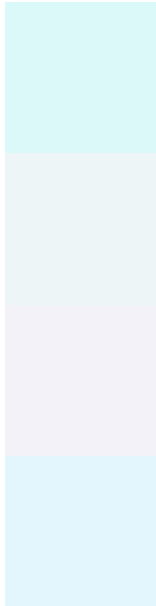
244.2230, 6.9220, 6.7140



Tritanopia

242.5520, -10.3620, 0.5660

Trichromacy



Original Color

240.3290, -17.2840, -6.1480

Protanomaly

242.7220, -5.0890, -1.3850

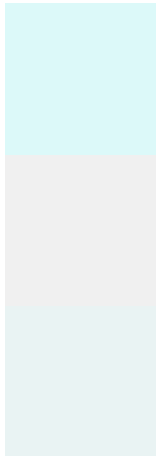
Deuteranomaly

242.6840, -1.9260, 1.8660

Tritanomaly

241.4160, -12.9750, -1.6390

Monochromacy



Original Color

240.3290, -17.2840, -6.1480

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.0100, -5.9600, -2.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.3290, -17.2840, -6.1480 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(220, 249, 249)` looks like.

```
.text, #text, p{  
    color:rgb(220, 249, 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(220, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 249, 249) }
```

Border

The CSS property to change the border of an element to YIQ 240.3290, -17.2840, -6.1480 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(220, 249, 249) }
```


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

```
.border{ border-color:rgb(220, 249, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 249, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(220, 249,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 240.3290, -17.2840, -6.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 249, 249) }
```

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

```
.background{ background-color: rgb(220,  
249, 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](#).

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