

Converting Colors

YIQ(240.4050, -14.4420,
-2.5860)

Have a look what the booklet for
YIQ(240.4050, -14.4420, -2.5860)
contains.

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Color

**YIQ(240.4050, -14.4420,
-2.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F6FC
RGB	225, 246, 252
RGB Percent	88%, 96%, 99%
CMY	0.1177, 0.0352, 0.0118
CMYK	0.11, 0.02, 0.00, 0.01
HSL	193°, 82%, 94%
HSV	193°, 11%, 99%
XYZ	81.5743, 88.9498, 104.9519
YIQ	240.4050, -14.4420, -2.5860

Conversions

Conversions Part 2

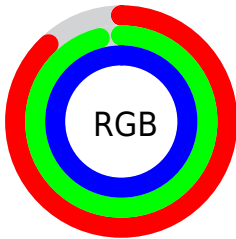
Format	Color
R _Y B	225, 237, 252
Decimal	14808828
CIE Lab	95.56, -5.70, -5.22
CIE LCh	96, 7.727, 222.492
Yxy	88.9498, 0.2961, 0.3229
Android (android.graphics.Color)	4292998908 (0xFFE1F6FC)
YUV	240.4050, 5.7163, -13.5102
Hunter-Lab	94.3132, -10.6582, 0.0412

Details

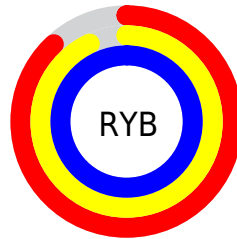
The YIQ color $240.4050, -14.4420, -2.5860$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $236.5950, 14.4420, 2.5860$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.5900, -13.5250, -2.6850$ is the 20% darker color. If you saturate the color by 10%, you get $229.4080, -27.6920, -4.7480$, and if you desaturate by 10%, it is $251.4020, -1.1920, -0.4240$.

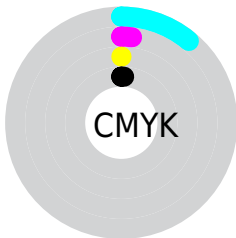
Distribution



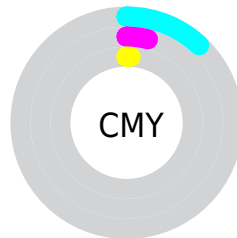
- Red (88%)
- Green (96%)
- Blue (99%)



- Red (88%)
- Yellow (93%)
- Blue (99%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (12%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.4050, -14.4420, -2.5860 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 240.4050, -14.4420, -2.5860 by changing the saturation by 10% instead.

■ 240.4050,
-14.4420, -2.5860

■ 240.4050,
-14.4420, -2.5860

255.0000, -0.0000,
-0.0000

■ 212.2910,
-14.1210, -2.8970

■ 184.5900,
-13.5250, -2.6850

■ 157.5900,
-13.5250, -2.6850

■ 131.0030,
-13.2500, -2.1620

■ 105.8890,
-12.9290, -2.4730

■ 81.8890, -12.9290,
-2.4730

■ 58.4870, -11.7370,

-2.0490

■ 37.0740, -12.0120,
-2.5720

■ 15.1770, -13.8000,
-3.2080

■ 240.4050,
-14.4420, -2.5860

■ 240.4050,
-14.4420, -2.5860

■ 229.4080,
-27.6920, -4.7480

■ 251.4020, -1.1920,
-0.4240

■ 218.9980,
-41.2170, -7.4330

■ 254.6580, 0.9630,
-0.9330

■ 207.7020,
-55.0630, -9.8070

■ 197.2920,
-68.5880, -12.4920

■ 186.2950,
-81.8380, -14.6540

■ 175.8850,
-95.3630, -17.3390

■ 164.8880,
-108.6130, -19.5010

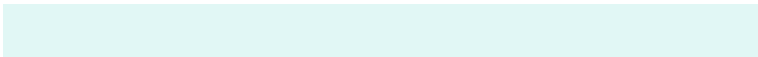
■ 153.5920,
-122.4590, -21.8750

■ 143.7800,
-134.7920, -24.1360

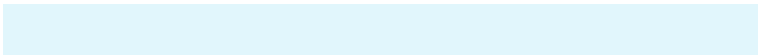
Harmonies

Analogous

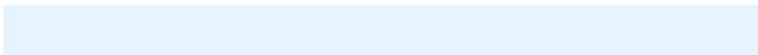
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.1940, -12.4700, -5.2860



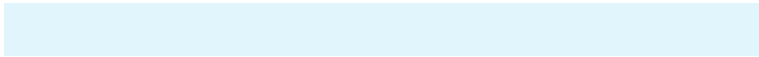
240.4050, -14.4420, -2.5860



241.0680, -11.8750, 0.4530

Triad

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



240.4050, -14.4420, -2.5860



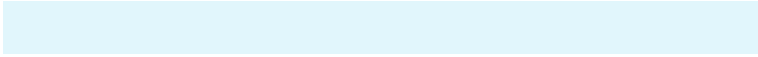
244.1090, 7.2430, 6.4030



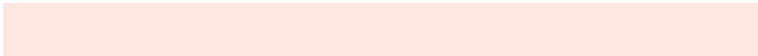
241.8880, 6.0070, -4.2410

Complementary

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



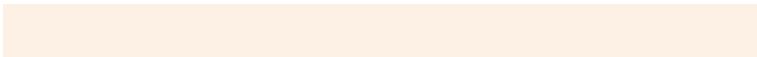
240.4050, -14.4420, -2.5860



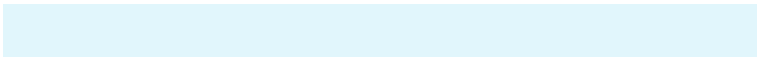
236.5950, 14.4420, 2.5860

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.



242.5190, 11.6000, -0.9760



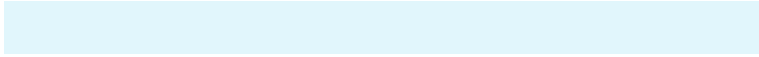
240.4050, -14.4420, -2.5860



242.6100, 10.0860, 4.4380

Square

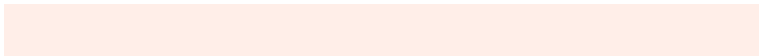
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.4050, -14.4420, -2.5860



243.2870, 0.8700, 6.2620



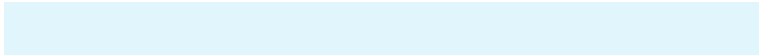
242.3990, 12.0580, 1.7380



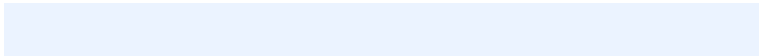
241.0120, -0.2740, -6.0500

Rectangle

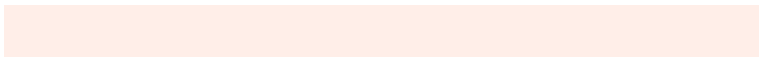
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.4050, -14.4420, -2.5860



241.9760, -8.6200, 2.0360



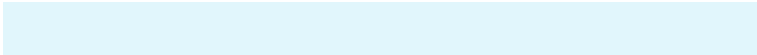
242.3990, 12.0580, 1.7380



242.0840, 8.3910, -3.3930

Sweetspot

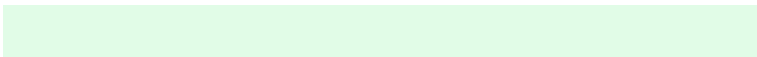
The Sweet Spot groups the original color and five complimentary colors.



240.4050, -14.4420, -2.5860



251.4340, -4.2180, -0.6500



241.5330, -9.3510, -12.2550



125.0320, -3.0260, -0.2260



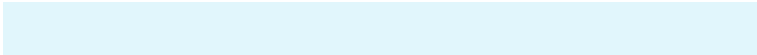
0.0000, 0.0000, 0.0000



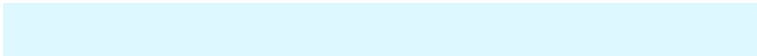
128.0000, -0.0000, -0.0000

Same Dimension

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



240.4050, -14.4420, -2.5860



241.0240, -17.7430, -3.3350



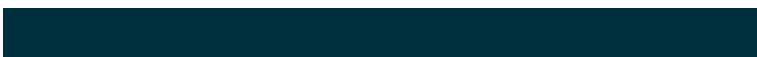
232.7740, -10.8670, 4.2130



119.3520, -6.9230, -1.1870



107.8350, -101.0940, -18.1020



35.1300, -32.7810, -6.1330

Inverse Universe

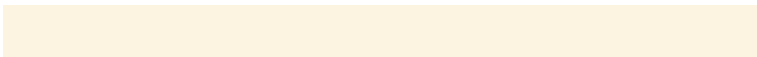
The Inverse Universe completely reimagines the original color for something new.



235.4670, 9.3510, 12.2550



234.8310, 11.3220, 15.0820



244.2260, 10.8670, -4.2130



117.0270, 4.5380, 5.8660



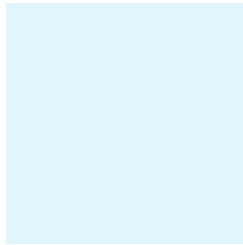
73.2690, 65.4570, 85.7850



23.7110, 20.9480, 27.8600

Previews

White Background



This preview shows how the YIQ color 240.4050, -14.4420, -2.5860 looks on a white background.

Color Contrast Check

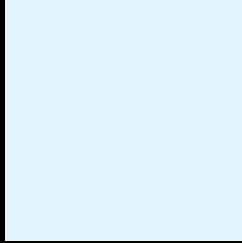
Large Text (above 18pt) WCAG AA × Fail

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 240.4050, -14.4420, -2.5860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

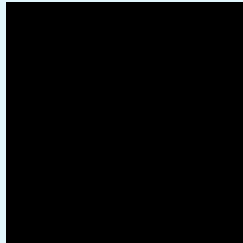
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 240.4050, -14.4420, -2.5860

Background



This preview shows how black text looks on a background with the YIQ color 240.4050, -14.4420, -2.5860.



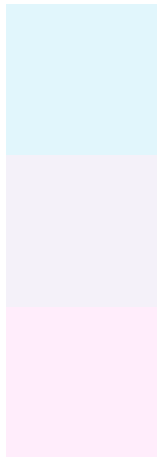
This preview shows how white text looks on a background with the YIQ color 240.4050, -14.4420, -2.5860.

-2.5860.

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

240.4050, -14.4420, -2.5860

Protanopia

242.8090, -0.7800, 3.1240

Deuteranopia

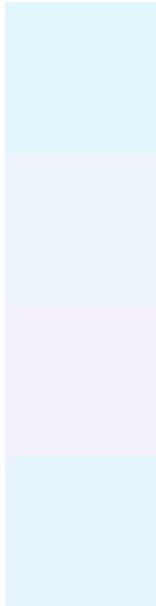
243.9780, 6.2340, 8.1700



Tritanopia

241.3780, -9.8120, 1.6120

Trichromacy



Original Color

240.4050, -14.4420, -2.5860

Protanomaly

242.0040, -5.8230, 0.9050

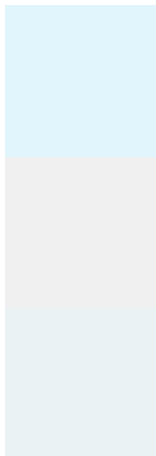
Deuteranomaly

242.4500, -1.1470, 4.2690

Tritanomaly

240.9540, -11.5540, 0.1420

Monochromacy



Original Color

240.4050, -14.4420, -2.5860

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.1350, -4.8140, -0.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.4050, -14.4420, -2.5860 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(225, 246, 252)` looks like.

```
.text, #text, p{  
    color:rgb(225, 246, 252)  
}
```

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(225, 246, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 246, 252) }
```

Border

The CSS property to change the border of an element to YIQ 240.4050, -14.4420, -2.5860 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(225, 246, 252) }
```


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

```
.border{ border-color:rgb(225, 246, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 246, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 246, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 246, 252);  
box-shadow:4px 4px 4px 4px rgb(225, 246,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 240.4050, -14.4420, -2.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 246, 252) }
```

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

```
.background{ background-color: rgb(225,  
246, 252) }
```

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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