

Converting Colors

YIQ(185.9960, -46.9030,
-3.5030)

Have a look what the booklet for
YIQ(185.9960, -46.9030, -3.5030)
contains.

YIQ(185.9960, -46.9030, -3.5030)	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(185.9960, -46.9030,
-3.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC9E8
RGB	139, 201, 232
RGB Percent	55%, 79%, 91%
CMY	0.4550, 0.2116, 0.0904
CMYK	0.40, 0.13, 0.00, 0.09
HSL	200°, 67%, 73%
HSV	200°, 40%, 91%
XYZ	46.0926, 53.0948, 84.1230
YIQ	185.9960, -46.9030, -3.5030

Conversions

Conversions Part 2

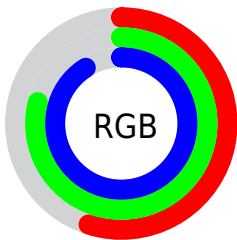
Format	Color
RYB	139, 176, 232
Decimal	9161192
CIELab	77.93, -12.05, -21.57
CIELCh	78, 24.706, 240.814
Yxy	53.0948, 0.2514, 0.2896
Android (android.graphics.Color)	4287351272 (0xFF8BC9E8)
YUV	185.9960, 22.6800, -41.2155
Hunter-Lab	72.8662, -14.6029, -17.4432

Details

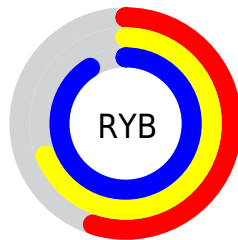
The YIQ color $185.9960, -46.9030, -3.5030$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $185.0040, 46.9030, 3.5030$, and the grayscale version is $186.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.3590, -35.1640, -12.5080$, and $131.4690, -46.8570, -4.3370$ is the 20% darker color. If you saturate the color by 10%, you get $174.4230, -58.4110, -4.1950$, and if you desaturate by 10%, it is $197.5690, -35.3950, -2.8110$.

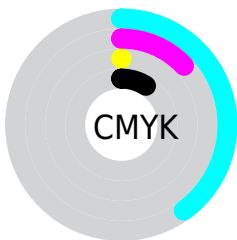
Distribution



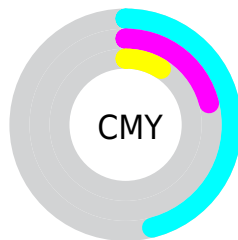
- Red (55%)
- Green (79%)
- Blue (91%)



- Red (55%)
- Yellow (69%)
- Blue (91%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (46%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.9960, -46.9030, -3.5030 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 185.9960, -46.9030, -3.5030 by changing the saturation by 10% instead.

■ 185.9960,
-46.9030, -3.5030

■ 185.9960,
-46.9030, -3.5030

■ 255.0000, -0.0000,
-0.0000

■ 158.5830,
-47.1780, -4.0260

■ 237.3590,
-35.1640, -12.5080

■ 131.4690,
-46.8570, -4.3370

■ 246.0300,
-17.8800, -6.3600

■ 104.5720,
-48.6450, -4.9730

■ 254.7010, -0.5960,
-0.2120

■ 76.7670, -53.6880,
-7.1920

■ 54.1370, -51.8540,
-7.3900

■ 37.9000, -37.8250,
-2.8250

■ 23.5380, -24.9420,

0.4820

■ 4.7080, -10.5010,
8.5950

■ 0.2280, -0.6420,
0.6220

■ 185.9960,
-46.9030, -3.5030

■ 185.9960,
-46.9030, -3.5030

■ 174.4230,
-58.4110, -4.1950

■ 197.5690,
-35.3950, -2.8110

■ 163.4370,
-70.1940, -5.4100

■ 208.5550,
-23.6120, -1.5960

■ 151.5650,
-82.2980, -6.3140

■ 220.4270,
-11.5080, -0.6920

■ 139.9920,
-93.8060, -7.0060

■ 232.0000, -0.0000,
0.0000

■ 128.4190,
-105.3140, -7.6980

■ 243.5730, 11.5080,
0.6920

■ 117.4330,
-117.0970, -8.9130

■ 247.6820, 9.5830,
-2.9690

■ 252.3780, 7.3830,
-7.1530

Harmonies

Analogous

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



183.1170, -49.1020, -13.2140



185.9960, -46.9030, -3.5030



190.6440, -30.8120, 7.7480

Triad

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



185.9960, -46.9030, -3.5030



196.1770, 30.8990, 18.2190



188.6840, 6.1010, -16.9630

Complementary

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



185.9960, -46.9030, -3.5030



185.0040, 46.9030, 3.5030

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.



191.3660, 24.8520, -9.8680



185.9960, -46.9030, -3.5030



195.3270, 38.9240, 10.4440

Square

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



185.9960, -46.9030, -3.5030



196.8470, 14.3930, 20.0010



193.9210, 36.7710, -0.1010



185.7830, -16.2270, -19.8030

Rectangle

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



185.9960, -46.9030, -3.5030



193.6460, -15.9580, 13.8820



193.9210, 36.7710, -0.1010



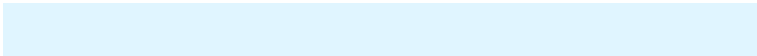
189.8590, 12.9780, -14.9420

Sweetspot

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



185.9960, -46.9030, -3.5030



239.8610, -15.7260, -1.3420



196.8970, -34.8840, -39.6200



119.0960, -9.0780, -0.6780



0.0000, 0.0000, 0.0000



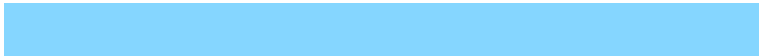
128.0000, -0.0000, -0.0000

Same Dimension

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



185.9960, -46.9030, -3.5030



194.4550, -61.4370, -4.4210



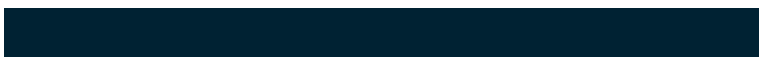
159.5810, -34.5280, 20.0320



109.0640, -6.0520, -0.4520



90.2590, -90.1840, -6.5680



25.7720, -25.7210, -1.9210

Inverse Universe

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



173.8750, 35.5260, 38.9980



178.7120, 46.7110, 51.0550



211.4190, 34.5280, -20.0320



107.5000, 4.5840, 5.0320



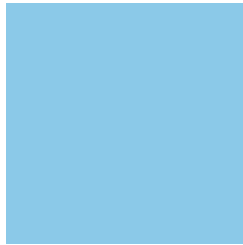
67.0870, 68.4850, 74.9570



19.1250, 19.4820, 21.3860

Previews

White Background



This preview shows how the YIQ color 185.9960, -46.9030, -3.5030 looks on a white background.

Color Contrast Check

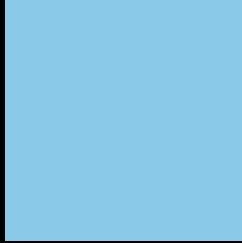
Large Text (above 18pt) WCAG AA × Fail

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 185.9960, -46.9030, -3.5030 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 185.9960, -46.9030, -3.5030

Background



This preview shows how black text looks on a background with the YIQ color 185.9960, -46.9030, -3.5030.



This preview shows how white text looks on a background with the YIQ color 185.9960, -46.9030, -3.5030.

-3.5030.

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

185.9960, -46.9030, -3.5030

Protanopia

192.4950, -14.2150, 9.8250

Deuteranopia

193.6570, -14.4910, 14.8290



Tritanopia

184.7910, -45.0680, -9.2280

Trichromacy



Original Color

185.9960, -46.9030, -3.5030

Protanomaly

190.1020, -26.4100, 5.0620

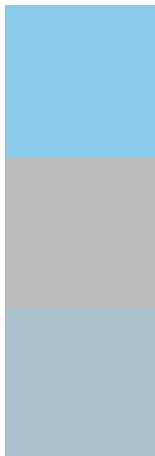
Deuteranomaly

191.0960, -26.2730, 8.0870

Tritanomaly

185.0730, -45.8020, -6.9380

Monochromacy



Original Color

185.9960, -46.9030, -3.5030

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.7900, -16.9640, -0.9320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.9960, -46.9030, -3.5030 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(139, 201, 232)` looks like.

```
.text, #text, p{  
    color:rgb(139, 201, 232)  
}
```

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(139, 201, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 201, 232) }
```

Border

The CSS property to change the border of an element to YIQ 185.9960, -46.9030, -3.5030 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(139, 201, 232) }
```


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

```
.border{ border-color:rgb(139, 201, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 201, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 201, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 201, 232);  
box-shadow:4px 4px 4px 4px rgb(139, 201,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 185.9960, -46.9030, -3.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 201, 232) }
```

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

```
.background{ background-color: rgb(139,  
201, 232) }
```

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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