

Converting Colors

YIQ(107.6030, -59.0980,
-8.2660)

Have a look what the booklet for
YIQ(107.6030, -59.0980, -8.2660)
contains.

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Color

**YIQ(107.6030, -59.0980,
-8.2660)**

Conversions

Conversions Part 1

Format	Color
Hex	2E819F
RGB	46, 129, 159
RGB Percent	18%, 51%, 62%
CMY	0.8198, 0.4940, 0.3767
CMYK	0.71, 0.19, 0.00, 0.38
HSL	196°, 55%, 40%
HSV	196°, 71%, 62%
XYZ	15.2318, 18.7904, 35.5951
YIQ	107.6030, -59.0980, -8.2660

Conversions

Conversions Part 2

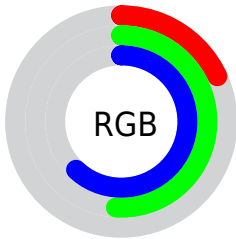
Format	Color
RYB	46, 94, 159
Decimal	3047839
CIELab	50.44, -14.80, -23.22
CIELCh	50, 27.536, 237.494
Yxy	18.7904, 0.2188, 0.2699
Android (android.graphics.Color)	4281237919 (0xFF2E819F)
YUV	107.6030, 25.3387, -54.0258
Hunter-Lab	43.3479, -13.1366, -18.3424

Details

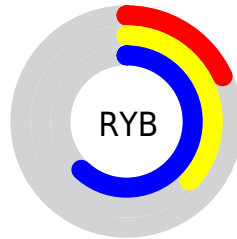
The YIQ color $[107.6030, -59.0980, -8.2660]$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $[97.3970, 59.0980, 8.2660]$, and the grayscale version is $[107.0000, -0.0000, 0.0000]$.

A 20% lighter version of the original color is $[163.2230, -54.9720, -5.9480]$, and $[59.1580, -56.3470, -8.5630]$ is the 20% darker color. If you saturate the color by 10%, you get $[100.4710, -67.5340, -9.5660]$, and if you desaturate by 10%, it is $[114.7350, -50.6620, -6.9660]$.

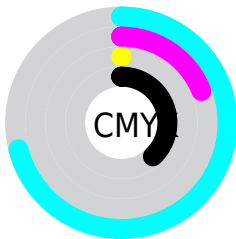
Distribution



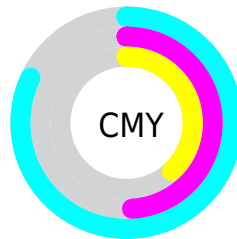
- Red (18%)
- Green (51%)
- Blue (62%)



- Red (18%)
- Yellow (37%)
- Blue (62%)



- Cyan (71%)
- Magenta (19%)
- Yellow (0%)
- Black (38%)



- Cyan (82%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.6030, -59.0980, -8.2660 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 107.6030, -59.0980, -8.2660 by changing the saturation by 10% instead.

■ 107.6030,
-59.0980, -8.2660

■ 107.6030,
-59.0980, -8.2660

■ 255.0000, -0.0000,
-0.0000

■ 76.2100, -71.2930,
-13.0290

■ 163.2230,
-54.9720, -5.9480

■ 59.1580, -56.3470,
-8.5630

■ 191.2230,
-54.9720, -5.9480

■ 42.9210, -42.3180,
-3.9980

■ 217.8120,
-49.5610, -10.4010

■ 27.3850, -28.8850,
0.3550

■ 236.4620,
-36.9520, -13.1440

■ 7.8540, -13.8480,
8.6800

■ 245.1330,
-19.6680, -6.9960

■ 2.4110, -5.4110,
4.4530

■ 254.1030, -1.7880,

■ 0.0000, 0.0000,

-0.6360

0.0000

■ 107.6030,
-59.0980, -8.2660

■ 107.6030,
-59.0980, -8.2660

■ 100.4710,
-67.5340, -9.5660

■ 114.7350,
-50.6620, -6.9660

■ 93.3390, -75.9700,
-10.8660

■ 121.8670,
-42.2260, -5.6660

■ 86.8050, -83.2140,
-11.7420

■ 129.5860,
-34.0650, -4.8890

■ 136.7180,
-25.6290, -3.5890

■ 143.5510,
-17.7890, -2.5010

■ 150.6830, -9.3530,
-1.2010

■ 157.8150, -0.9170,
0.0990

■ 165.5340, 7.2440,
0.8760

■ 172.6660, 15.6800,
2.1760

Harmonies

Analogous

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



103.1260, -62.4890, -18.4010



107.6030, -59.0980, -8.2660



116.3550, -37.3680, 5.4160

Triad

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



107.6030, -59.0980, -8.2660



122.6330, 29.6150, 19.4630



116.0540, 7.9350, -17.1610

Complementary

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



107.6030, -59.0980, -8.2660



97.3970, 59.0980, 8.2660

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.



118.8500, 26.3650, -9.7550



107.6030, -59.0980, -8.2660



122.0820, 38.2360, 11.9000

Square

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



107.6030, -59.0980, -8.2660



123.7050, 11.9170, 20.8210



120.4480, 36.7250, 0.7330



112.7400, -14.6680, -20.5240

Rectangle

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



107.6030, -59.0980, -8.2660



120.6670, -20.4510, 12.7090



120.4480, 36.7250, 0.7330



117.2290, 14.8120, -15.1400

Sweetspot

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



107.6030, -59.0980, -8.2660



186.8000, -22.9240, -3.0520



115.5230, -40.0630, -50.3910



92.8180, -14.1670, -2.0630



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



107.6030, -59.0980, -8.2660



126.7870, -91.9710, -12.7310



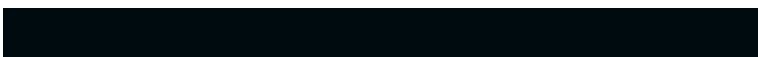
75.3180, -43.9730, 20.4990



75.4340, -4.2180, -0.6500



77.9370, -74.7780, -10.4420



8.1670, -7.8400, -1.0880

Inverse Universe

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



89.2490, 40.7050, 49.7690



98.3300, 63.4870, 77.4310



129.6820, 43.9730, -20.4990



74.0760, 2.8420, 3.5620



54.7270, 51.5230, 62.9710



5.7390, 5.4090, 6.6010

Previews

White Background



This preview shows how the YIQ color 107.6030, -59.0980, -8.2660 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 107.6030, -59.0980, -8.2660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

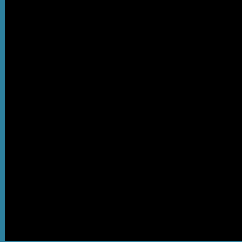
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 107.6030, -59.0980, -8.2660

Background



This preview shows how black text looks on a background with the YIQ color 107.6030, -59.0980, -8.2660.



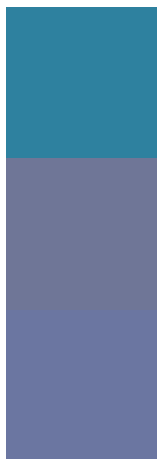
This preview shows how white text looks on a background with the YIQ color 107.6030, -59.0980, -8.2660.

-8.2660.

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

107.6030, -59.0980, -8.2660

Protanopia

119.6690, -14.7650, 8.7790

Deuteranopia

119.6130, -20.3590, 11.0410



Tritanopia

103.9520, -61.9390, -17.3550

Trichromacy



Original Color

107.6030, -59.0980, -8.2660

Protanomaly

115.1830, -31.1320, 2.5320

Deuteranomaly

115.2690, -34.2500, 3.9740

Tritanomaly

105.2450, -61.2060, -14.1180

Monochromacy



Original Color

107.6030, -59.0980, -8.2660

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

107.9850, -22.0070, -3.1510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.6030, -59.0980, -8.2660 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(46, 129, 159)` looks like.

```
.text, #text, p{  
    color:rgb(46, 129, 159)  
}
```

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(46, 129, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 129, 159) }
```

Border

The CSS property to change the border of an element to YIQ 107.6030, -59.0980, -8.2660 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(46, 129, 159) }
```


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

```
.border{ border-color:rgb(46, 129, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 129, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 129, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 129, 159);  
box-shadow:4px 4px 4px 4px rgb(46, 129,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 107.6030, -59.0980, -8.2660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 129, 159) }
```

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

```
.background{ background-color: rgb(46, 129,  
159) }
```

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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