

Converting Colors

YIQ(117.5270, -8.0730, 19.6630)

Have a look what the booklet for
YIQ(117.5270, -8.0730, 19.6630)
contains.

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Color

**YIQ(117.5270, -8.0730,
19.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6BA0
RGB	122, 107, 160
RGB Percent	48%, 42%, 63%
CMY	0.5215, 0.5804, 0.3726
CMYK	0.24, 0.33, 0.00, 0.37
HSL	257°, 22%, 52%
HSV	257°, 33%, 63%
XYZ	19.6291, 17.1904, 35.5327
YIQ	117.5270, -8.0730, 19.6630

Conversions

Conversions Part 2

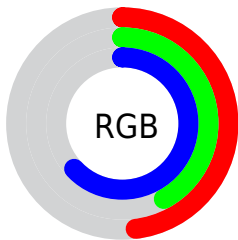
Format	Color
R_{YB}	122, 107, 160
Decimal	8022944
CIE _{Lab}	48.50, 17.53, -26.49
CIE _{LCh}	48, 31.766, 303.498
Yxy	17.1904, 0.2713, 0.2376
Android (android.graphics.Color)	4286213024 (0xFF7A6BA0)
YUV	117.5270, 20.9392, 3.9228
Hunter-Lab	41.4613, 11.9504, -21.7891

Details

The YIQ color $117.5270, -8.0730, 19.6630$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $149.4730, 8.0730, -19.6630$, and the grayscale version is $117.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $169.5810, -8.1650, 21.3310$, and $69.0600, -8.2560, 17.4720$ is the 20% darker color. If you saturate the color by 10%, you get $104.8460, -10.2290, 25.6990$, and if you desaturate by 10%, it is $130.2080, -5.9170, 13.6270$.

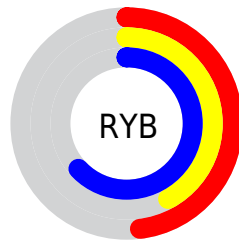
Distribution



Red (48%)

Green (42%)

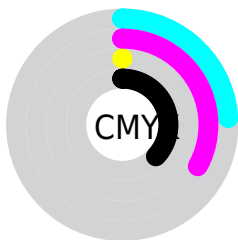
Blue (63%)



Red (48%)

Yellow (42%)

Blue (63%)

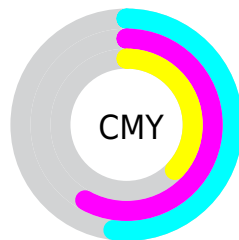


Cyan (24%)

Magenta (33%)

Yellow (0%)

Black (37%)



Cyan (52%)

Magenta (58%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.5270, -8.0730, 19.6630 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 117.5270, -8.0730, 19.6630 by changing the saturation by 10% instead.

■ 117.5270, -8.0730,
19.6630

■ 117.5270, -8.0730,
19.6630

■ 255.0000, -0.0000,
-0.0000

■ 93.0000, -8.0270,
18.8290

■ 169.5810, -8.1650,
21.3310

■ 69.0600, -8.2560,
17.4720

■ 196.9940, -7.8900,
21.8540

■ 46.2340, -8.8060,
16.4260

■ 223.1700, -2.7540,
16.8780

■ 24.2940, -9.0350,
15.0690

■ 247.3690, 3.5750,
6.7990

■ 4.3320, -12.1980,
11.8180

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,

0.0000

■ 117.5270, -8.0730,
19.6630

■ 117.5270, -8.0730,
19.6630

■ 104.8460,
-10.2290, 25.6990

■ 130.2080, -5.9170,
13.6270

■ 91.8660, -12.9810,
31.5230

■ 143.1880, -3.1650,
7.8030

■ 79.1850, -15.1370,
37.5590

■ 155.8690, -1.0090,
1.7670

■ 66.2050, -17.8890,
43.3830

■ 168.8490, 1.7430,
-4.0570

■ 53.5240, -20.0450,
49.4190

■ 181.5300, 3.8990,
-10.0930

■ 40.5440, -22.7970,
55.2430

■ 194.5100, 6.6510,
-15.9170

■ 31.6950, -24.5400,
59.3000

■ 207.1910, 8.8070,
-21.9530

■ 220.1710, 11.5590,
-27.7770

■ 232.8520, 13.7150,
-33.8130

Harmonies

Analogous

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



111.4520, -39.0190, 7.8050



117.5270, -8.0730, 19.6630



118.6350, 18.1060, 24.2980

Triad

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



117.5270, -8.0730, 19.6630



114.8350, 39.8890, -1.5430



94.2580, -63.2210, -27.1650

Complementary

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



117.5270, -8.0730, 19.6630



149.4730, 8.0730, -19.6630

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.



104.8420, -23.8830, -24.2270



117.5270, -8.0730, 19.6630



113.0300, 25.6780, -13.8260

Square

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



117.5270, -8.0730, 19.6630



116.1920, 43.7380, 11.3060



109.6790, 4.4970, -20.9350



91.5520, -81.4240, -22.1600

Rectangle

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



117.5270, -8.0730, 19.6630



117.8230, 32.1360, 23.3360



109.6790, 4.4970, -20.9350



99.6960, -46.8990, -25.6110

Sweetspot

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



117.5270, -8.0730, 19.6630



192.1880, -3.1650, 7.8030



135.3480, -27.4630, -3.3910



94.6780, -1.7890, 4.8910



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.



117.5270, -8.0730, 19.6630



141.7520, -12.6600, 31.2120



125.6000, 8.0190, 25.3870



72.5100, -1.3760, 2.9120



28.2620, -22.0630, 52.9530



2.9060, -2.4310, 5.5130

Inverse Universe

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



127.1790, 19.3900, 23.0540



156.9560, 30.8040, 36.4680



141.4000, -8.0190, -25.3870



74.0760, 2.8420, 3.5620



54.3850, 52.4860, 62.0380



5.7390, 5.4090, 6.6010

Previews

White Background



This preview shows how the YIQ color 117.5270, -8.0730, 19.6630 looks on a white 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

Black Background



This preview shows how the YIQ color 117.5270, -8.0730, 19.6630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

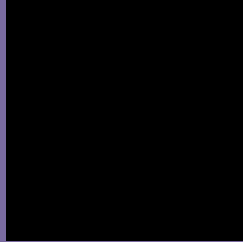
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 117.5270, -8.0730, 19.6630

Background



This preview shows how black text looks on a background with the YIQ color 117.5270, -8.0730, 19.6630.



This preview shows how white text looks on a background with the YIQ color 117.5270, -8.0730,

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

117.5270, -8.0730, 19.6630

Protanopia

114.7420, -25.0360, 13.2040

Deuteranopia

115.2430, -22.1930, 11.2390



Tritanopia

115.3250, -2.2930, 3.0110

Trichromacy



Original Color

117.5270, -8.0730, 19.6630

Protanomaly

115.7320, -19.0760, 15.3240

Deuteranomaly

115.8740, -16.6000, 14.5040

Tritanomaly

115.9430, -3.8530, 9.2590

Monochromacy



Original Color

117.5270, -8.0730, 19.6630

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.6610, -3.1190, 6.9690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.5270, -8.0730, 19.6630 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(122, 107, 160)` looks like.

```
.text, #text, p{  
    color:rgb(122, 107, 160)  
}
```

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(122, 107, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 107, 160) }
```

Border

The CSS property to change the border of an element to YIQ 117.5270, -8.0730, 19.6630 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(122, 107, 160) }
```


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

```
.border{ border-color:rgb(122, 107, 160) }
```

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

Here you see how a box with a 4 pixel rgb(122, 107, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 107, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 107, 160);  
box-shadow:4px 4px 4px 4px rgb(122, 107,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 117.5270, -8.0730, 19.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 107, 160) }
```

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

```
.background{ background-color: rgb(122,  
107, 160) }
```

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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