

Converting Colors

YIQ(108.7630, -29.5290,
12.0310)

Have a look what the booklet for
YIQ(108.7630, -29.5290, 12.0310)
contains.

YIQ(108.7630, -29.5290, 12.0310)	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(108.7630, -29.5290,
12.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	586DA2
RGB	88, 109, 162
RGB Percent	35%, 43%, 64%
CMY	0.6549, 0.5725, 0.3649
CMYK	0.46, 0.33, 0.00, 0.36
HSL	223°, 30%, 49%
HSV	223°, 46%, 64%
XYZ	16.0117, 15.6209, 36.3348
YIQ	108.7630, -29.5290, 12.0310

Conversions

Conversions Part 2

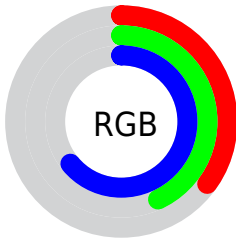
Format	Color
R_{YB}	88, 104, 162
Decimal	5795234
CIE _{Lab}	46.47, 6.86, -31.01
CIE _{LCh}	46, 31.762, 282.480
Yxy	15.6209, 0.2356, 0.2298
Android (android.graphics.Color)	4283985314 (0xFF586DA2)
YUV	108.7630, 26.2458, -18.2092
Hunter-Lab	39.5233, 3.1483, -26.8407

Details

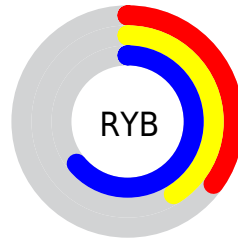
The YIQ color **108.7630, -29.5290, 12.0310** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **141.2370, 29.5290, -12.0310**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8170, -29.6210, 13.6990**, and **59.3990, -31.5000, 9.2040** is the 20% darker color. If you saturate the color by 10%, you get **96.9350, -35.7650, 14.9150**, and if you desaturate by 10%, it is **120.5910, -23.2930, 9.1470**.

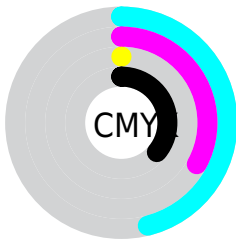
Distribution



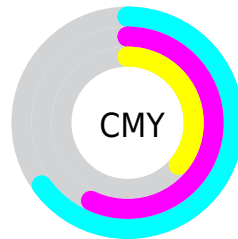
- Red (35%)
- Green (43%)
- Blue (64%)



- Red (35%)
- Yellow (41%)
- Blue (64%)



- Cyan (46%)
- Magenta (33%)
- Yellow (0%)
- Black (36%)



- Cyan (65%)
- Magenta (57%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.7630, -29.5290, 12.0310 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 108.7630, -29.5290, 12.0310 by changing the saturation by 10% instead.

■ 108.7630,
-29.5290, 12.0310

■ 108.7630,
-29.5290, 12.0310

■ 255.0000, -0.0000,
-0.0000

■ 83.9370, -30.0790,
10.9850

■ 160.8170,
-29.6210, 13.6990

■ 59.3990, -31.5000,
9.2040

■ 188.3440,
-29.6670, 14.5330

■ 33.1700, -38.2850,
5.5150

■ 214.1780,
-23.5680, 8.6240

■ 18.8080, -25.4020,
8.8220

■ 238.9860,
-14.5800, -0.0840

■ 6.3210, -13.6650,
10.8710

■ 254.7010, -0.5960,
-0.2120

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,

0.0000

■ 108.7630,
-29.5290, 12.0310

■ 108.7630,
-29.5290, 12.0310

■ 96.9350, -35.7650,
14.9150

■ 120.5910,
-23.2930, 9.1470

■ 85.6940, -42.2760,
17.2760

■ 131.8320,
-16.7820, 6.7860

■ 73.5670, -49.1080,
19.9480

■ 143.9590, -9.9500,
4.1140

■ 62.3260, -55.6190,
22.3090

■ 155.2000, -3.4390,
1.7530

■ 50.4980, -61.8550,
25.1930

■ 167.0280, 2.7970,
-1.1310

■ 45.4700, -64.6520,
26.3240

■ 178.8560, 9.0330,
-4.0150

■ 190.0970, 15.5440,
-6.3760

■ 202.2240, 22.3760,
-9.0480

■ 213.4650, 28.8870,
-11.4090

Harmonies

Analogous

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



95.8890, -65.6550, -5.0710



108.7630, -29.5290, 12.0310



113.1860, 0.3170, 21.7970

Triad

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



108.7630, -29.5290, 12.0310



110.3720, 43.0510, 7.2350



97.7530, -33.8780, -24.8060

Complementary

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



108.7630, -29.5290, 12.0310



141.2370, 29.5290, -12.0310

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.



103.8460, -3.3430, -22.0230



108.7630, -29.5290, 12.0310



109.0470, 36.1760, -5.8400

Square

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



108.7630, -29.5290, 12.0310



111.7820, 39.3810, 18.6850



106.9260, 20.0390, -16.2570



86.5820, -72.9410, -27.2210

Rectangle

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



108.7630, -29.5290, 12.0310



113.3360, 17.5100, 24.0860



106.9260, 20.0390, -16.2570



100.4400, -22.6910, -23.8030

Sweetspot

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



108.7630, -29.5290, 12.0310



190.1160, -11.8300, 5.1460



137.3660, -37.0420, -22.5300



93.9870, -7.1530, 2.9830



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



108.7630, -29.5290, 12.0310



127.7090, -46.6320, 19.1280



100.9210, -14.8140, 26.1940



75.7870, -3.7140, 1.2300



40.5970, -57.8200, 23.6520



4.9870, -7.1530, 2.9830

Inverse Universe

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



112.5200, 37.3630, 22.2190



133.7450, 59.1390, 35.0670



149.0790, 14.8140, -26.1940



76.0330, 4.4010, 2.8410



48.0290, 73.2590, 43.4910



5.9520, 9.1230, 5.3710

Previews

White Background



This preview shows how the YIQ color 108.7630, -29.5290, 12.0310 looks on a white background.

Color Contrast Check

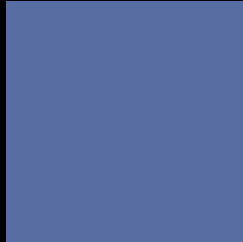
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.7630, -29.5290, 12.0310 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

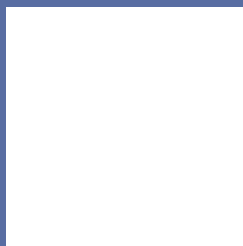
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 108.7630, -29.5290, 12.0310

Background



This preview shows how black text looks on a background with the YIQ color 108.7630, -29.5290, 12.0310.



This preview shows how white text looks on a background with the YIQ color 108.7630, -29.5290, 12.0310.

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

108.7630, -29.5290, 12.0310

Protanopia

109.2580, -26.5490, 13.0910

Deuteranopia

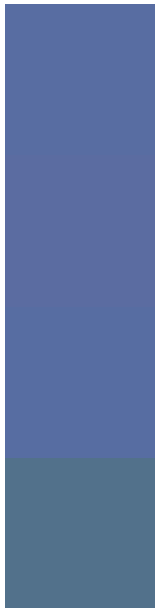
108.4640, -30.1250, 11.8190



Tritanopia

105.7780, -25.8580, -4.9460

Trichromacy



Original Color

108.7630, -29.5290, 12.0310

Protanomaly

108.9590, -27.1450, 12.8790

Deuteranomaly

108.4640, -30.1250, 11.8190

Tritanomaly

106.6950, -26.8220, 1.5140

Monochromacy



Original Color

108.7630, -29.5290, 12.0310

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.7740, -10.8670, 4.2130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.7630, -29.5290, 12.0310 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(88, 109, 162)` looks like.

```
.text, #text, p{  
    color:rgb(88, 109, 162)  
}
```

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(88, 109, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 109, 162) }
```

Border

The CSS property to change the border of an element to YIQ 108.7630, -29.5290, 12.0310 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(88, 109, 162) }
```


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

```
.border{ border-color:rgb(88, 109, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 109, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 109, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 109, 162);  
box-shadow:4px 4px 4px 4px rgb(88, 109,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 108.7630, -29.5290, 12.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 109, 162) }
```

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

```
.background{ background-color: rgb(88, 109,  
162) }
```

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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