

Converting Colors

YIQ(58.5060, -20.7750, 29.6010)

Have a look what the booklet for
YIQ(58.5060, -20.7750, 29.6010)
contains.

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Color

**YIQ(58.5060, -20.7750,
29.6010)**

Conversions

Conversions Part 1

Format	Color
Hex	392D84
RGB	57, 45, 132
RGB Percent	22%, 18%, 52%
CMY	0.7764, 0.8235, 0.4825
CMYK	0.57, 0.66, 0.00, 0.48
HSL	248°, 49%, 35%
HSV	248°, 66%, 52%
XYZ	6.7890, 4.4118, 22.3098
YIQ	58.5060, -20.7750, 29.6010

Conversions

Conversions Part 2

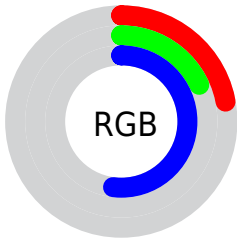
Format	Color
R_{YB}	57, 45, 132
Decimal	3747204
CIE Lab	24.99, 30.78, -47.24
CIE LCh	25, 56.382, 303.089
Yxy	4.4118, 0.2026, 0.1317
Android (android.graphics.Color)	4281937284 (0xFF392D84)
YUV	58.5060, 36.2325, -1.3208
Hunter-Lab	21.0042, 20.9374, -48.2724

Details

The YIQ color **58.5060, -20.7750, 29.6010** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **118.4940, 20.7750, -29.6010**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **108.3970, -18.8500, 33.2620**, and **10.4080, -26.5510, 24.1450** is the 20% darker color. If you saturate the color by 10%, you get **47.5860, -23.7560, 34.0680**, and if you desaturate by 10%, it is **69.4260, -17.7940, 25.1340**.

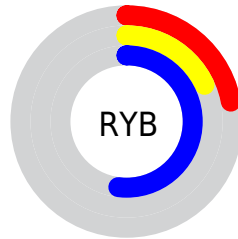
Distribution



Red (22%)

Green (18%)

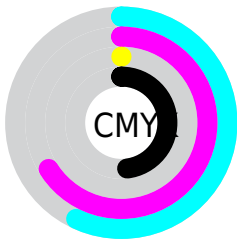
Blue (52%)



Red (22%)

Yellow (18%)

Blue (52%)

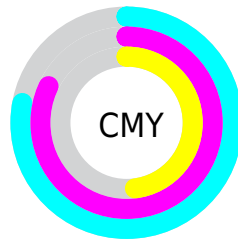


Cyan (57%)

Magenta (66%)

Yellow (0%)

Black (48%)



Cyan (78%)

Magenta (82%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.5060, -20.7750, 29.6010 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 58.5060, -20.7750, 29.6010 by changing the saturation by 10% instead.

■ 58.5060, -20.7750,
29.6010

■ 58.5060, -20.7750,
29.6010

■ 255.0000, -0.0000,
-0.0000

■ 33.6580, -24.2590,
26.6610

■ 108.3970,
-18.8500, 33.2620

■ 10.4080, -26.5510,
24.1450

■ 134.0490,
-17.7500, 35.3540

■ 6.6120, -18.6180,
18.0380

■ 160.9890,
-17.5210, 36.7110

■ 5.1640, -11.7850,
9.8390

■ 186.5780,
-12.1100, 32.2580

■ 1.1400, -3.2100,
3.1100

■ 211.0980, -2.2510,
24.2850

■ 0.0000, 0.0000,
0.0000

■ 236.2050, 7.3330,

15.7890

253.8260, 0.5500,
1.0460

■ 58.5060, -20.7750,
29.6010

■ 58.5060, -20.7750,
29.6010

■ 47.5860, -23.7560,
34.0680

■ 69.4260, -17.7940,
25.1340

■ 36.3670, -27.3330,
38.3230

■ 80.6450, -14.2170,
20.8790

■ 24.8600, -30.0390,
43.3130

■ 92.1520, -11.5110,
15.8890

■ 20.4300, -31.6440,
44.8680

■ 103.3710, -7.9340,
11.6340

■ 114.2910, -4.9530,
7.1670

■ 125.2110, -1.9720,
2.7000

■ 136.4300, 1.6050,
-1.5550

■ 147.9370, 4.3110,
-6.5450

■ 158.8570, 7.2920,
-11.0120

Harmonies

Analogous

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



54.2120, -64.4660, 11.9340



58.5060, -20.7750, 29.6010



47.4100, 33.0020, 51.7060

Triad

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



58.5060, -20.7750, 29.6010



54.8640, 50.1130, 0.3930



51.7940, -41.1230, -20.1550

Complementary

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



58.5060, -20.7750, 29.6010



118.4940, 20.7750, -29.6010

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.



45.2620, -25.4860, -33.7260



58.5060, -20.7750, 29.6010



55.5630, 25.4950, -16.0170

Square

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



58.5060, -20.7750, 29.6010



39.6720, 69.4100, 30.6420



47.3800, -5.2670, -31.2110



56.5820, -54.6050, -7.0930

Rectangle

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



58.5060, -20.7750, 29.6010



46.0670, 52.9010, 49.0050



47.3800, -5.2670, -31.2110



49.4970, -36.0330, -24.2970

Sweetspot

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



58.5060, -20.7750, 29.6010



142.0720, -8.5300, 11.4220



98.9430, -48.5520, -12.1680



69.2910, -4.9530, 7.1670



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



58.5060, -20.7750, 29.6010



57.0710, -32.0110, 46.0130



71.3630, 4.8530, 38.7170



60.9830, -1.3300, 2.0780



20.2020, -31.0020, 44.2460



0.3420, -0.9630, 0.9330

Inverse Universe

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



79.5630, 27.7770, 41.7690



89.5890, 43.2240, 64.6960



105.6370, -4.8530, -38.7170



62.3640, 1.9710, 2.8270



51.6380, 41.5280, 62.3920



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 58.5060, -20.7750, 29.6010 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 ✓ Pass

Black Background



This preview shows how the YIQ color 58.5060, -20.7750, 29.6010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

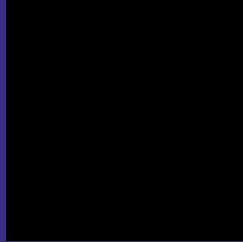
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.5060, -20.7750, 29.6010

Background



This preview shows how black text looks on a background with the YIQ color 58.5060, -20.7750, 29.6010.



This preview shows how white text looks on a background with the YIQ color 58.5060, -20.7750,

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

58.5060, -20.7750, 29.6010

Protanopia

47.2530, -54.5160, 7.8200

Deuteranopia

47.7770, -50.4800, 0.7520



Tritanopia

55.3010, -20.0810, -5.0170

Trichromacy



Original Color

58.5060, -20.7750, 29.6010

Protanomaly

51.6400, -42.1840, 15.6080

Deuteranomaly

51.6740, -39.5240, 11.4520

Tritanomaly

56.5050, -20.1750, 7.7050

Monochromacy



Original Color

58.5060, -20.7750, 29.6010

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.8440, -7.8880, 10.8000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.5060, -20.7750, 29.6010 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(57, 45, 132)` looks like.

```
.text, #text, p{  
    color:rgb(57, 45, 132)  
}
```

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(57, 45, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 45, 132) }
```

Border

The CSS property to change the border of an element to YIQ 58.5060, -20.7750, 29.6010 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(57, 45, 132) }
```


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

```
.border{ border-color:rgb(57, 45, 132) }
```

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

Here you see how a box with a 4 pixel rgb(57, 45, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 45, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 45, 132);  
box-shadow:4px 4px 4px 4px rgb(57, 45,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 58.5060, -20.7750, 29.6010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 45, 132) }
```

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

```
.background{ background-color: rgb(57, 45,  
132) }
```

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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