

Converting Colors

YIQ(59.6660, 6.5120, -7.8880)

Have a look what the booklet for
YIQ(59.6660, 6.5120, -7.8880)
contains.

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Color

**YIQ(59.6660, 6.5120,
-7.8880)**

Conversions

Conversions Part 1

Format	Color
Hex	3D3F27
RGB	61, 63, 39
RGB Percent	24%, 25%, 15%
CMY	0.7608, 0.7529, 0.8470
CMYK	0.03, 0.00, 0.38, 0.75
HSL	65°, 24%, 20%
HSV	65°, 38%, 25%
XYZ	4.0681, 4.6936, 2.6120
YIQ	59.6660, 6.5120, -7.8880

Conversions

Conversions Part 2

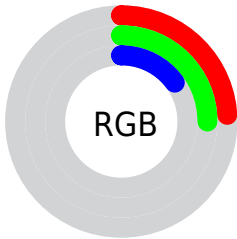
Format	Color
R _Y B	39, 63, 41
Decimal	4013863
CIE Lab	25.84, -5.46, 14.46
CIE LCh	26, 15.459, 110.683
Yxy	4.6936, 0.3577, 0.4127
Android (android.graphics.Color)	4282203943 (0xFF3D3F27)
YUV	59.6660, -10.1883, 1.1699
Hunter-Lab	21.6647, -4.3953, 8.0171

Details

The YIQ color **59.6660, 6.5120, -7.8880** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **42.3340, -6.5120, 7.8880**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **107.3240, 7.4750, -8.8210**, and **17.4100, 4.3570, -7.3790** is the 20% darker color. If you saturate the color by 10%, you get **58.6830, 7.8420, -9.9660**, and if you desaturate by 10%, it is **60.6490, 5.1820, -5.8100**.

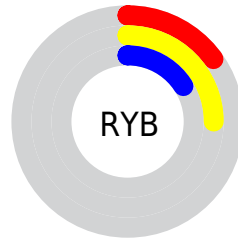
Distribution



Red (24%)

Green (25%)

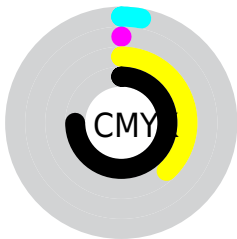
Blue (15%)



Red (15%)

Yellow (25%)

Blue (16%)

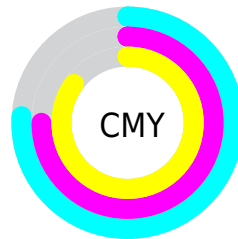


Cyan (3%)

Magenta (0%)

Yellow (38%)

Black (75%)



Cyan (76%)

Magenta (75%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.6660, 6.5120, -7.8880 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 59.6660, 6.5120, -7.8880 by changing the saturation by 10% instead.

■ 59.6660, 6.5120,
-7.8880

■ 59.6660, 6.5120,
-7.8880

■ 255.0000, -0.0000,
-0.0000

■ 37.7800, 6.1910,
-7.5770

■ 107.3240, 7.4750,
-8.8210

■ 17.4100, 4.3570,
-7.3790

■ 132.3240, 7.4750,
-8.8210

■ 0.0000, 0.0000,
0.0000

■ 158.5090, 8.3920,
-8.9200

■ 185.3950, 8.7130,
-9.2310

■ 213.2810, 9.0340,
-9.5420

■ 241.2810, 9.0340,

-9.5420

■ 253.6320, 3.8520,
-3.7320

■ 59.6660, 6.5120,
-7.8880

■ 59.6660, 6.5120,
-7.8880

■ 58.6830, 7.8420,
-9.9660

■ 60.6490, 5.1820,
-5.8100

■ 57.8850, 10.0890,
-12.1430

■ 61.4470, 2.9350,
-3.6330

■ 56.9020, 11.4190,
-14.2210

■ 62.4300, 1.6050,
-1.5550

■ 56.2180, 13.3450,
-16.0870

■ 63.1140, -0.3210,
0.3110

■ 55.2350, 14.6750,
-18.1650

■ 64.2110, -1.9720,
2.7000

■ 54.4370, 16.9220,
-20.3420

■ 64.8950, -3.8980,
4.5660

■ 54.3230, 17.2430,
-20.6530

■ 65.8780, -5.2280,
6.6440

■ 66.5620, -7.1540,
8.5100

■ 67.6590, -8.8050,
10.8990

Harmonies

Analogous

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



60.7920, 15.0850, -3.5630



59.6660, 6.5120, -7.8880



58.3380, -4.3080, -10.0360

Triad

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



59.6660, 6.5120, -7.8880



55.2230, -28.6090, -4.6490



63.0390, 13.4320, 9.8800

Complementary

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



59.6660, 6.5120, -7.8880



42.3340, -6.5120, 7.8880

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.



62.7760, 3.9870, 10.3470



59.6660, 6.5120, -7.8880



58.5170, -20.4490, 1.6550

Square

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



59.6660, 6.5120, -7.8880



54.6590, -27.1410, -9.2290



61.4370, -8.3000, 7.2520



62.5680, 19.0720, 6.7840

Rectangle

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



59.6660, 6.5120, -7.8880



56.7330, -12.7900, -10.5020



61.4370, -8.3000, 7.2520



62.5980, 10.3600, 10.4880

Sweetspot

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



59.6660, 6.5120, -7.8880



80.6750, 2.2930, -3.0110



47.3500, 13.7540, 4.0420



40.0170, 1.3300, -2.0780



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



59.6660, 6.5120, -7.8880



76.4720, 9.8140, -12.6660



56.0780, -0.6400, -10.4320



30.3590, 0.3670, -1.1450



80.8920, 25.4060, -30.9300



191.0110, 59.9380, -73.0700

Inverse Universe

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



42.3340, -6.5120, 7.8880



49.2290, -10.4100, 12.4540



45.9220, 0.6400, 10.4320



28.3420, -0.9630, 0.9330



13.1080, -25.4060, 30.9300



30.9890, -59.9380, 73.0700

Previews

White Background



This preview shows how the YIQ color 59.6660, 6.5120, -7.8880 looks on a white background.

Color Contrast Check

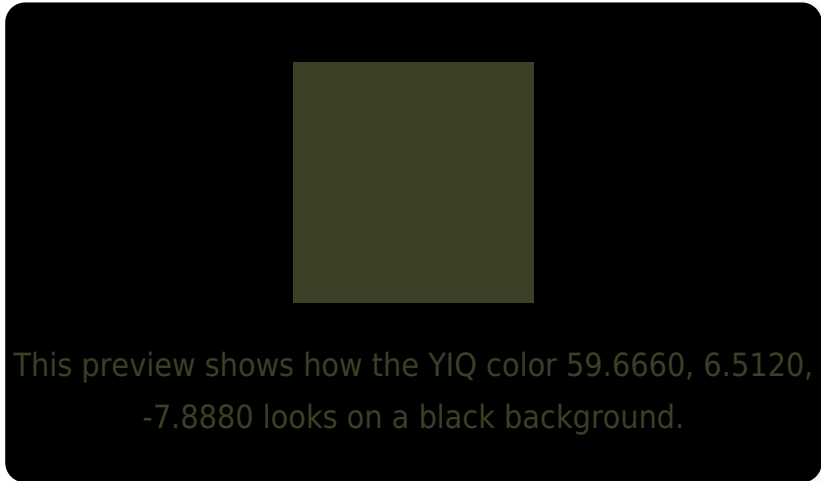
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

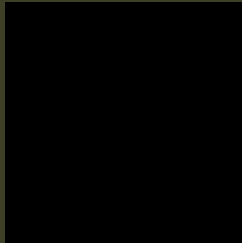
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.6660, 6.5120, -7.8880

Background



This preview shows how black text looks on a background with the YIQ color 59.6660, 6.5120, -7.8880.



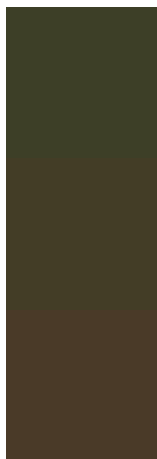
This preview shows how white text looks on a background with the YIQ color 59.6660, 6.5120,

-7.8880.

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

59.6660, 6.5120, -7.8880

Protanopia

60.1720, 10.9590, -5.8810

Deuteranopia

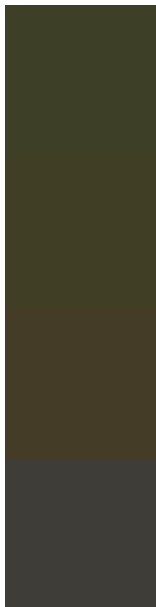
60.7320, 15.3140, -2.2060



Tritanopia

61.7660, 0.7790, 2.4030

Trichromacy



Original Color

59.6660, 6.5120, -7.8880

Protanomaly

60.1610, 9.4920, -6.8280

Deuteranomaly

60.4110, 11.7840, -4.3120

Tritanomaly

61.0280, 2.7970, -1.1310

Monochromacy



Original Color

59.6660, 6.5120, -7.8880

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

59.6750, 2.2930, -3.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.6660, 6.5120, -7.8880 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(61, 63, 39)` looks like.

```
.text, #text, p{  
    color:rgb(61, 63, 39)  
}
```

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(61, 63, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 63, 39) }
```

Border

The CSS property to change the border of an element to YIQ 59.6660, 6.5120, -7.8880 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(61, 63, 39) }
```


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

```
.border{ border-color:rgb(61, 63, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 63, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 63, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 63, 39);  
box-shadow:4px 4px 4px 4px rgb(61, 63, 39)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.6660, 6.5120, -7.8880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 63, 39) }
```

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

```
.background{ background-color: rgb(61, 63,  
39) }
```

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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