

Converting Colors

YIQ(67.2700, -17.6550, 17.1050)

Have a look what the booklet for
YIQ(67.2700, -17.6550, 17.1050)
contains.

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Color

**YIQ(67.2700, -17.6550,
17.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	3D3D74
RGB	61, 61, 116
RGB Percent	24%, 24%, 45%
CMY	0.7607, 0.7608, 0.5452
CMYK	0.47, 0.47, 0.00, 0.55
HSL	240°, 31%, 35%
HSV	240°, 47%, 45%
XYZ	6.7445, 5.5902, 17.2378
YIQ	67.2700, -17.6550, 17.1050

Conversions

Conversions Part 2

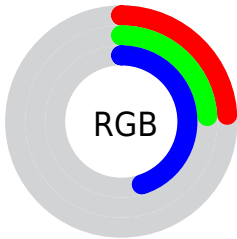
Format	Color
R _Y B	61, 61, 116
Decimal	4013428
CIE Lab	28.35, 15.82, -31.72
CIE LCh	28, 35.448, 296.506
Yxy	5.5902, 0.2281, 0.1890
Android (android.graphics.Color)	4282203508 (0xFF3D3D74)
YUV	67.2700, 24.0239, -5.4988
Hunter-Lab	23.6435, 9.5421, -26.6760

Details

The YIQ color $67.2700, -17.6550, 17.1050$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $109.7300, 17.6550, -17.1050$, and the grayscale version is $67.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $116.0360, -16.8760, 19.5080$, and $20.8840, -22.5600, 12.3840$ is the 20% darker color. If you saturate the color by 10%, you get $56.6380, -21.5070, 20.8370$, and if you desaturate by 10%, it is $77.9020, -13.8030, 13.3730$.

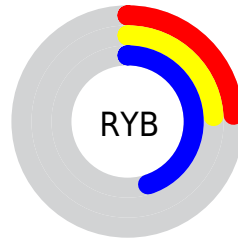
Distribution



 Red (24%)

 Green (24%)

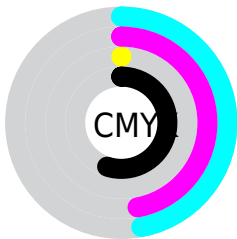
 Blue (45%)





 Red (24%)

 Yellow (24%)

 Blue (45%)

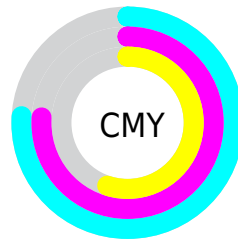


 Cyan (47%)

 Magenta (47%)

 Yellow (0%)

 Black (55%)



 Cyan (76%)

 Magenta (76%)

 Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.2700, -17.6550, 17.1050 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 67.2700, -17.6550, 17.1050 by changing the saturation by 10% instead.

■ 67.2700, -17.6550,
17.1050

■ 67.2700, -17.6550,
17.1050

■ 255.0000, -0.0000,
-0.0000

■ 44.0310, -18.4800,
15.5360

■ 116.0360,
-16.8760, 19.5080

■ 20.8840, -22.5600,
12.3840

■ 142.2640,
-17.5180, 20.1300

■ 5.1300, -14.4450,
13.9950

■ 168.7910,
-17.5640, 20.9640

■ 3.2090, -7.6580,
6.6300

■ 196.3180,
-17.6100, 21.7980

■ 0.0000, 0.0000,
0.0000

■ 220.7670, -8.9890,
14.2350

■ 246.4610, 0.3200,

5.2160

■ 67.2700, -17.6550,
17.1050

■ 67.2700, -17.6550,
17.1050

■ 56.6380, -21.5070,
20.8370

■ 77.9020, -13.8030,
13.3730

■ 46.8920, -25.0380,
24.2580

■ 87.6480, -10.2720,
9.9520

■ 36.2600, -28.8900,
27.9900

■ 98.2800, -6.4200,
6.2200

■ 26.5140, -32.4210,
31.4110

■ 108.0260, -2.8890,
2.7990

■ 15.8820, -36.2730,
35.1430

■ 118.6580, 0.9630,
-0.9330

■ 13.2240, -37.2360,
36.0760

■ 129.2900, 4.8150,
-4.6650

■ 139.0360, 8.3460,
-8.0860

■ 149.6680, 12.1980,
-11.8180

■ 159.4140, 15.7290,
-15.2390

Harmonies

Analogous

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



55.4710, -58.3660, 0.4980



67.2700, -17.6550, 17.1050



68.8240, 13.2000, 25.1040

Triad

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



67.2700, -17.6550, 17.1050



65.1880, 40.3930, 0.3370



54.1420, -42.2230, -22.2470

Complementary

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



67.2700, -17.6550, 17.1050



109.7300, 17.6550, -17.1050

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.



54.2720, -22.2780, -25.7820



67.2700, -17.6550, 17.1050



62.9550, 30.2630, -14.3210

Square

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



67.2700, -17.6550, 17.1050



64.6420, 42.5910, 15.5750



60.6750, 10.3200, -21.8400



57.2200, -50.8900, -13.8500

Rectangle

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



67.2700, -17.6550, 17.1050



66.6640, 28.3300, 26.2340



60.6750, 10.3200, -21.8400



52.4150, -38.7380, -24.8340

Sweetspot

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



67.2700, -17.6550, 17.1050



131.3940, -6.7410, 6.5310



99.5550, -32.7800, -11.6600



64.5960, -4.4940, 4.3540



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



67.2700, -17.6550, 17.1050



74.6900, -27.2850, 26.4350



75.3430, -1.5630, 22.8290



53.6840, -1.9260, 1.8660



13.9080, -39.1620, 37.9420



28.5000, -80.2500, 77.7500

Inverse Universe

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



83.7150, 15.1250, 28.7650



100.1050, 23.3750, 44.4550



101.3580, 0.9670, -23.0410



55.4780, 1.6500, 3.1380



50.3860, 33.5500, 63.8060



103.2500, 68.7500, 130.7500

Previews

White Background



This preview shows how the YIQ color 67.2700, -17.6550, 17.1050 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 67.2700, -17.6550, 17.1050 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 67.2700, -17.6550, 17.1050

Background



This preview shows how black text looks on a background with the YIQ color 67.2700, -17.6550, 17.1050.



This preview shows how white text looks on a background with the YIQ color 67.2700, -17.6550,

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

67.2700, -17.6550, 17.1050

Protanopia

64.0940, -31.9590, 12.0170

Deuteranopia

62.1810, -36.8180, 6.4620



Tritanopia

64.7040, -13.8460, -2.3740

Trichromacy



Original Color

67.2700, -17.6550, 17.1050

Protanomaly

65.4860, -27.1910, 13.7130

Deuteranomaly

63.8230, -29.7580, 10.6740

Tritanomaly

65.8490, -15.4520, 4.7080

Monochromacy



Original Color

67.2700, -17.6550, 17.1050

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.2800, -6.4200, 6.2200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.2700, -17.6550, 17.1050 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, 61, 116)` looks like.

```
.text, #text, p{  
    color:rgb(61, 61, 116)  
}
```

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, 61, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 61, 116) }
```

Border

The CSS property to change the border of an element to YIQ 67.2700, -17.6550, 17.1050 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, 61, 116) }
```


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

```
.border{ border-color:rgb(61, 61, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 61, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 61, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 61, 116);  
box-shadow:4px 4px 4px 4px rgb(61, 61,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 67.2700, -17.6550, 17.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 61, 116) }
```

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

```
.background{ background-color: rgb(61, 61,  
116) }
```

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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