

Converting Colors

YIQ(66.5220, 16.6860, 16.9900)

Have a look what the booklet for
YIQ(66.5220, 16.6860, 16.9900)
contains.

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Color

**YIQ(66.5220, 16.6860,
16.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	5D334D
RGB	93, 51, 77
RGB Percent	36%, 20%, 30%
CMY	0.6352, 0.8001, 0.6980
CMYK	0.00, 0.45, 0.17, 0.64
HSL	323°, 29%, 28%
HSV	323°, 45%, 36%
XYZ	7.0402, 5.2308, 7.6619
YIQ	66.5220, 16.6860, 16.9900

Conversions

Conversions Part 2

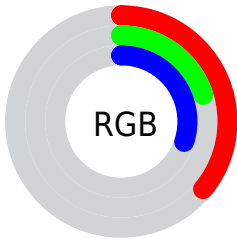
Format	Color
RYB	93, 51, 77
Decimal	6107981
CIELab	27.38, 22.99, -7.77
CIELCh	27, 24.269, 341.320
Yxy	5.2308, 0.3532, 0.2624
Android (android.graphics.Color)	4284298061 (0xFF5D334D)
YUV	66.5220, 5.1657, 23.2212
Hunter-Lab	22.8710, 14.9224, -3.8529




Details

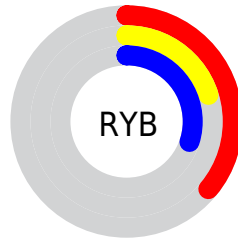
The YIQ color **66.5220, 16.6860, 16.9900** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **77.4780, -16.6860, -16.9900**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **115.5330, 18.1530, 17.9370**, and **21.3260, 14.3020, 16.1420** is the 20% darker color. If you saturate the color by 10%, you get **60.7830, 20.4450, 20.4530**, and if you desaturate by 10%, it is **72.2610, 12.9270, 13.5270**.

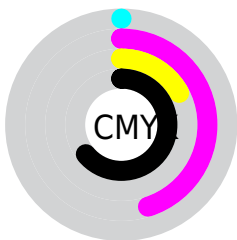
Distribution







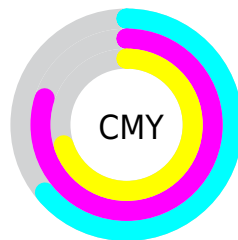
-  Red (36%)
-  Green (20%)
-  Blue (30%)






-  Red (36%)
-  Yellow (20%)
-  Blue (30%)



-  Cyan (0%)
-  Magenta (45%)
-  Yellow (17%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (80%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.5220, 16.6860, 16.9900 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 66.5220, 16.6860, 16.9900 by changing the saturation by 10% instead.

■ 66.5220, 16.6860,
16.9900

■ 66.5220, 16.6860,
16.9900

■ 255.0000, -0.0000,
-0.0000

■ 43.8100, 15.8150,
16.2550

■ 115.5330, 18.1530,
17.9370

■ 21.3260, 14.3020,
16.1420

■ 141.2450, 19.0240,
18.6720

■ 7.4900, 10.5440,
7.1520

■ 167.9570, 19.8950,
19.4070

■ 0.0000, 0.0000,
0.0000

■ 195.2560, 20.4910,
19.6190

■ 222.6690, 20.7660,
20.1420

■ 242.0860, 6.0500,

11.5060

■ 66.5220, 16.6860,
16.9900

■ 66.5220, 16.6860,
16.9900

■ 60.7830, 20.4450,
20.4530

■ 72.2610, 12.9270,
13.5270

■ 54.5710, 24.1580,
24.7500

■ 78.4730, 9.2140,
9.2300

■ 48.8320, 27.9170,
28.2130

■ 84.2120, 5.4550,
5.7670

■ 43.2070, 31.3550,
31.9870

■ 89.8370, 2.0170,
1.9930

■ 36.8810, 35.3890,
35.9730

■ 95.5760, -1.7420,
-1.4700

■ 34.4190, 36.8100,
37.7540

■ 101.7880, -5.4550,
-5.7670

■ 107.5270, -9.2140,
-9.2300

■ 113.1520,
-12.6520, -13.0040

■ 119.4780,
-16.6860, -16.9900

Harmonies

Analogous

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



66.4860, -0.8280, 15.0120



66.5220, 16.6860, 16.9900



65.2750, 27.5070, 13.6110

Triad

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



66.5220, 16.6860, 16.9900



62.4510, 14.3070, -11.4930



52.9970, -48.6440, -10.5000

Complementary

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



66.5220, 16.6860, 16.9900



77.4780, -16.6860, -16.9900

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.



51.5320, -43.1410, -16.6210



66.5220, 16.6860, 16.9900



60.4320, -1.8770, -15.5490

Square

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



66.5220, 16.6860, 16.9900



64.2400, 25.4470, -4.1290



55.3570, -23.6550, -17.3430



52.4900, -51.3500, -5.5100

Rectangle

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



66.5220, 16.6860, 16.9900



64.7820, 30.2130, 8.6210



55.3570, -23.6550, -17.3430



52.9000, -46.9930, -12.8890

Sweetspot

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



66.5220, 16.6860, 16.9900



109.2230, 6.9220, 6.7140



60.2730, -4.5420, 16.2420



54.6740, 4.0340, 3.9860



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



66.5220, 16.6860, 16.9900



78.9950, 25.9000, 26.2200



64.2420, 23.1060, 10.7700



42.8370, 2.0170, 1.9930



40.6420, 43.7320, 44.4680



87.6210, 94.0650, 95.9610

Inverse Universe

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



66.5220, 16.6860, 16.9900



78.9950, 25.9000, 26.2200



79.7580, -23.1060, -10.7700



42.8370, 2.0170, 1.9930



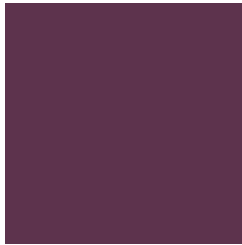
40.6420, 43.7320, 44.4680



87.6210, 94.0650, 95.9610

Previews

White Background



This preview shows how the YIQ color 66.5220, 16.6860, 16.9900 looks on a white background.

Color Contrast Check

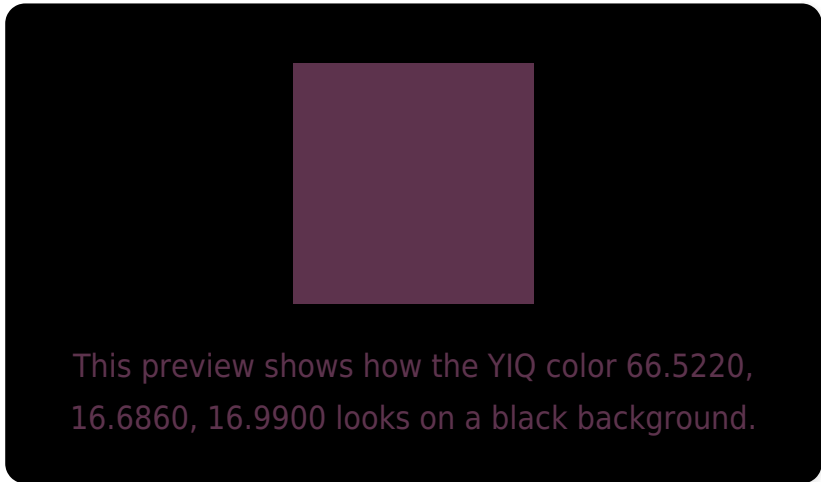
Large Text (above 18pt) WCAG AA ✓ Pass

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

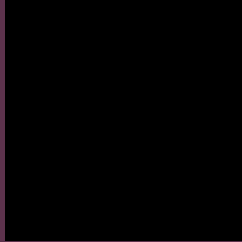
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.5220, 16.6860, 16.9900

Background



This preview shows how black text looks on a background with the YIQ color 66.5220, 16.6860, 16.9900.



This preview shows how white text looks on a background with the YIQ color 66.5220, 16.6860,

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

66.5220, 16.6860, 16.9900

Protanopia

65.0130, -10.0420, 5.7820

Deuteranopia

66.1510, -1.7430, 4.0570



Tritanopia

66.2200, 20.1720, 8.8760

Trichromacy



Original Color

66.5220, 16.6860, 16.9900

Protanomaly

65.3240, -0.5520, 10.0080

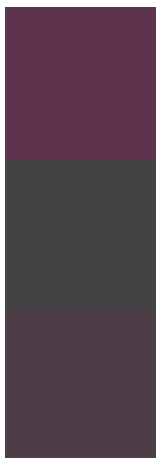
Deuteranomaly

66.0210, 4.6750, 8.8910

Tritanomaly

66.7300, 18.7960, 11.7880

Monochromacy



Original Color

66.5220, 16.6860, 16.9900

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

66.6250, 5.7300, 6.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.5220, 16.6860, 16.9900 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(93, 51, 77)` looks like.

```
.text, #text, p{  
    color:rgb(93, 51, 77)  
}
```

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(93, 51, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 51, 77) }
```

Border

The CSS property to change the border of an element to YIQ 66.5220, 16.6860, 16.9900 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(93, 51, 77) }
```


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

```
.border{ border-color:rgb(93, 51, 77) }
```

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

Here you see how a box with a 4 pixel rgb(93, 51, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 51, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 51, 77);  
box-shadow:4px 4px 4px 4px rgb(93, 51, 77)  
}
```

Background

The CSS property to change the background color of an element to YIQ 66.5220, 16.6860, 16.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 51, 77) }
```

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

```
.background{ background-color: rgb(93, 51,  
77) }
```

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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