

Converting Colors

YIQ(66.9420, 24.2510, 17.5550)

Have a look what the booklet for
YIQ(66.9420, 24.2510, 17.5550)
contains.

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Color

**YIQ(66.9420, 24.2510,
17.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	653146
RGB	101, 49, 70
RGB Percent	40%, 19%, 27%
CMY	0.6038, 0.8079, 0.7254
CMYK	0.00, 0.52, 0.31, 0.60
HSL	336°, 35%, 29%
HSV	336°, 52%, 40%
XYZ	7.5743, 5.4060, 6.4420
YIQ	66.9420, 24.2510, 17.5550

Conversions

Conversions Part 2

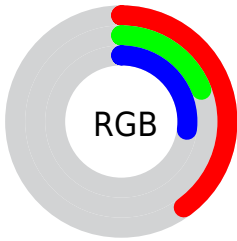
Format	Color
R_{YB}	101, 49, 70
Decimal	6631750
CIE _{Lab}	27.86, 26.11, -2.31
CIE _{LCh}	28, 26.209, 354.946
Yxy	5.4060, 0.3900, 0.2783
Android (android.graphics.Color)	4284821830 (0xFF653146)
YUV	66.9420, 1.5076, 29.8689
Hunter-Lab	23.2507, 17.4602, -0.1517

Details

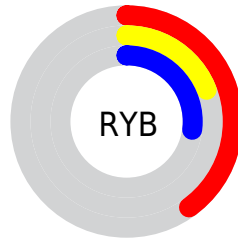
The YIQ color **66.9420, 24.2510, 17.5550** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **83.0580, -24.2510, -17.5550**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **116.4370, 27.2310, 18.6150**, and **20.3870, 21.5000, 17.8520** is the 20% darker color. If you saturate the color by 10%, you get **60.3880, 28.9270, 20.9190**, and if you desaturate by 10%, it is **73.4960, 19.5750, 14.1910**.

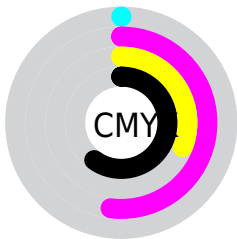
Distribution



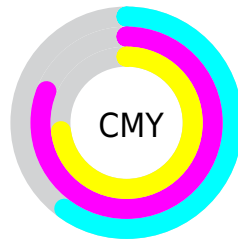
- Red (40%)
- Green (19%)
- Blue (27%)



- Red (40%)
- Yellow (19%)
- Blue (27%)



- Cyan (0%)
- Magenta (52%)
- Yellow (31%)
- Black (60%)



- Cyan (60%)
- Magenta (81%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.9420, 24.2510, 17.5550 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 66.9420, 24.2510, 17.5550 by changing the saturation by 10% instead.

66.9420, 24.2510,
17.5550

66.9420, 24.2510,
17.5550

255.0000, -0.0000,
-0.0000

43.4580, 22.7380,
17.4420

116.4370, 27.2310,
18.6150

20.3870, 21.5000,
17.8520

142.1490, 28.1020,
19.3500

9.3830, 18.1550,
6.8830

168.7470, 29.2940,
19.7740

0.0000, 0.0000,
0.0000

196.4590, 30.1650,
20.5090

221.1700, 23.6090,
18.1770

240.7980, 6.9210,

12.2410

■ 66.9420, 24.2510,
17.5550

■ 66.9420, 24.2510,
17.5550

■ 60.3880, 28.9270,
20.9190

■ 73.4960, 19.5750,
14.1910

■ 53.8340, 33.6030,
24.2830

■ 80.0500, 14.8990,
10.8270

■ 47.2800, 38.2790,
27.6470

■ 86.6040, 10.2230,
7.4630

■ 40.7260, 42.9550,
31.0110

■ 93.1580, 5.5470,
4.0990

■ 34.8730, 47.0350,
34.1630

■ 99.7120, 0.8710,
0.7350

■ 106.8530, -4.0800,
-3.1520

■ 113.4070, -8.7560,
-6.5160

■ 119.9610,
-13.4320, -9.8800

■ 126.5150,
-18.1080, -13.2440

Harmonies

Analogous

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



67.8570, 8.4330, 17.8810



66.9420, 24.2510, 17.5550



65.8470, 31.5880, 11.2360

Triad

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



66.9420, 24.2510, 17.5550



62.5210, 8.1180, -14.9700



54.6100, -51.8080, -8.2240

Complementary

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



66.9420, 24.2510, 17.5550



83.0580, -24.2510, -17.5550

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.



53.9600, -47.2220, -14.2460



66.9420, 24.2510, 17.5550



58.9900, -12.3760, -18.0080

Square

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



66.9420, 24.2510, 17.5550



63.9360, 23.2470, -8.3130



51.6800, -40.8020, -20.4660



57.9690, -42.2730, 0.6950

Rectangle

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



66.9420, 24.2510, 17.5550



65.6310, 31.9560, 4.5640



51.6800, -40.8020, -20.4660



54.7410, -50.7990, -9.9910

Sweetspot

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



66.9420, 24.2510, 17.5550



119.8920, 9.3520, 6.7280



63.8980, 1.1880, 22.5320



58.1580, 5.5470, 4.0990



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



66.9420, 24.2510, 17.5550



78.6930, 38.5540, 28.1700



66.8960, 29.8920, 8.9320



47.7230, 2.3380, 1.6820



39.6290, 53.7740, 38.6860



83.5300, 112.7740, 81.7820

Inverse Universe

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



66.9420, 24.2510, 17.5550



78.6930, 38.5540, 28.1700



83.1040, -29.8920, -8.9320



47.7230, 2.3380, 1.6820



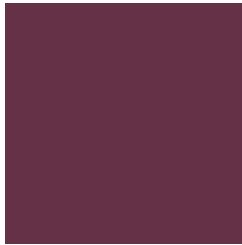
39.6290, 53.7740, 38.6860



83.5300, 112.7740, 81.7820

Previews

White Background



This preview shows how the YIQ color 66.9420, 24.2510, 17.5550 looks on a white background.

Color Contrast Check

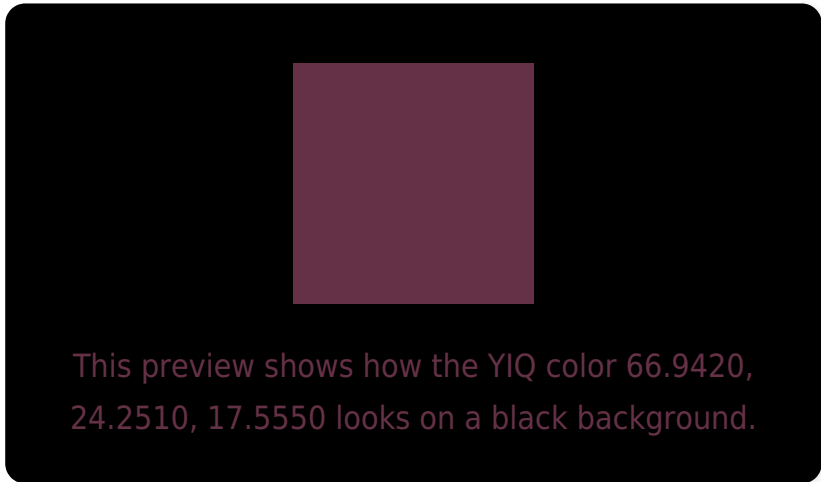
Large Text (above 18pt) WCAG AA ✓ Pass

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 66.9420, 24.2510, 17.5550

Background



This preview shows how black text looks on a background with the YIQ color 66.9420, 24.2510, 17.5550.



This preview shows how white text looks on a background with the YIQ color 66.9420, 24.2510,

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

66.9420, 24.2510, 17.5550

Protanopia

66.8130, -6.6030, 4.0290

Deuteranopia

66.8480, 3.4840, 2.9400



Tritanopia

66.8080, 27.3240, 11.4200

Trichromacy



Original Color

66.9420, 24.2510, 17.5550

Protanomaly

67.0210, 4.6750, 8.8910

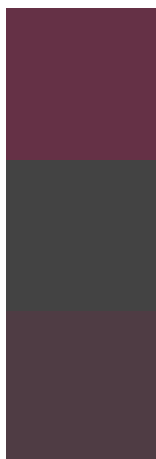
Deuteranomaly

67.3160, 11.0940, 8.1980

Tritanomaly

66.7910, 25.9940, 13.4980

Monochromacy



Original Color

66.9420, 24.2510, 17.5550

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

66.5930, 8.7560, 6.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.9420, 24.2510, 17.5550 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(101, 49, 70)` looks like.

```
.text, #text, p{  
    color:rgb(101, 49, 70)  
}
```

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(101, 49, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 49, 70) }
```

Border

The CSS property to change the border of an element to YIQ 66.9420, 24.2510, 17.5550 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(101, 49, 70) }
```


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

```
.border{ border-color:rgb(101, 49, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 49, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 49, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 49, 70);  
box-shadow:4px 4px 4px 4px rgb(101, 49,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 66.9420, 24.2510, 17.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 49, 70) }
```

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

```
.background{ background-color: rgb(101, 49,  
70) }
```

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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