

Converting Colors

YIQ(44.9250, 58.4520, 30.9960)

Have a look what the booklet for
YIQ(44.9250, 58.4520, 30.9960)
contains.

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Color

**YIQ(44.9250, 58.4520,
30.9960)**

Conversions

Conversions Part 1

Format	Color
Hex	780921
RGB	120, 9, 33
RGB Percent	47%, 4%, 13%
CMY	0.5291, 0.9648, 0.8704
CMYK	0.00, 0.93, 0.72, 0.53
HSL	347°, 86%, 25%
HSV	347°, 93%, 47%
XYZ	8.1281, 4.3026, 1.8449
YIQ	44.9250, 58.4520, 30.9960

Conversions

Conversions Part 2

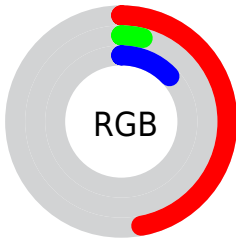
Format	Color
R_YB	120, 9, 33
Decimal	7866657
CIE Lab	24.65, 45.08, 18.71
CIE LCh	25, 48.810, 22.544
Yxy	4.3026, 0.5694, 0.3014
Android (android.graphics.Color)	4286056737 (0xFF780921)
YUV	44.9250, -5.8790, 65.8408
Hunter-Lab	20.7428, 33.6453, 9.2465

Details

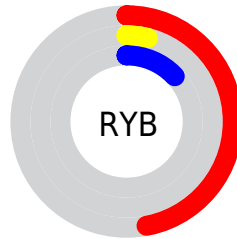
The YIQ color **44.9250, 58.4520, 30.9960** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **84.0750, -58.4520, -30.9960**, and the grayscale version is **45.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **102.5030, 62.3960, 25.5960**, and **19.1360, 38.1440, 13.5680** is the 20% darker color. If you saturate the color by 10%, you get **38.8440, 63.1740, 33.5260**, and if you desaturate by 10%, it is **52.9950, 52.2630, 27.5190**.

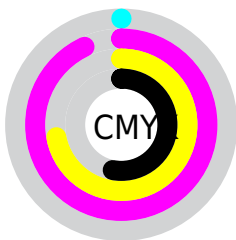
Distribution



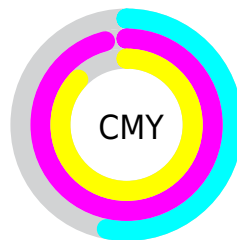
- Red (47%)
- Green (4%)
- Blue (13%)



- Red (47%)
- Yellow (4%)
- Blue (13%)



- Cyan (0%)
- Magenta (93%)
- Yellow (72%)
- Black (53%)



- Cyan (53%)
- Magenta (96%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.9250, 58.4520, 30.9960 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 44.9250, 58.4520, 30.9960 by changing the saturation by 10% instead.

■ 44.9250, 58.4520,
30.9960

■ 44.9250, 58.4520,
30.9960

255.0000, -0.0000,
-0.0000

■ 28.7620, 51.3010,
22.9250

■ 102.5030, 62.3960,
25.5960

■ 19.1360, 38.1440,
13.5680

■ 129.4710, 65.4220,
25.8220

■ 10.8780, 21.1350,
7.9430

■ 157.1400, 67.8520,
25.8360


■ 0.0000, 0.0000,
0.0000


■ 181.0360, 62.2130,
23.4050


■ 200.4360, 46.1670,
16.8470


■ 220.0640, 29.4790,


10.9110


 240.2790, 12.5160,
4.4520


 44.9250, 58.4520,
30.9960


 44.9250, 58.4520,
30.9960


 38.8440, 63.1740,
33.5260

 52.9950, 52.2630,
27.5190

 61.1790, 45.7530,
24.3530

 69.2490, 39.5640,
20.8760

 77.4330, 33.0540,
17.7100

 85.5030, 26.8650,
14.2330

■ 93.5730, 20.6760,
10.7560

■ 101.7570, 14.1660,
7.5900

■ 109.8270, 7.9770,
4.1130

■ 118.0110, 1.4670,
0.9470

Harmonies

Analogous

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



44.6100, 46.7580, 44.6940



44.9250, 58.4520, 30.9960



52.8260, 53.2760, 3.6440

Triad

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



44.9250, 58.4520, 30.9960



42.3610, -21.4510, -35.2670



53.7900, -60.5220, 6.5340

Complementary

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



44.9250, 58.4520, 30.9960



84.0750, -58.4520, -30.9960

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.



55.6020, -57.3570, -1.2690



44.9250, 58.4520, 30.9960



48.3230, -35.4830, -23.2510

Square

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



44.9250, 58.4520, 30.9960



52.2080, 10.1370, -24.0310



53.2420, -47.9560, -11.9560



53.0640, -40.4420, 17.0780

Rectangle

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



44.9250, 58.4520, 30.9960



55.6730, 40.1650, -6.5470



53.2420, -47.9560, -11.9560



55.2090, -60.3840, 4.0320

Sweetspot

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



44.9250, 58.4520, 30.9960



126.1820, 23.3350, 12.1270



47.0690, 15.0290, 52.5410



60.7570, 14.1660, 7.5900



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



44.9250, 58.4520, 30.9960



50.5200, 82.0620, 43.6460



59.7990, 57.9060, 7.8420



56.9080, 3.2550, 1.5830



40.4530, 65.8330, 34.8970



81.6180, 132.5370, 70.5290

Inverse Universe

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



44.9250, 58.4520, 30.9960



50.5200, 82.0620, 43.6460



69.2010, -57.9060, -7.8420



56.9080, 3.2550, 1.5830



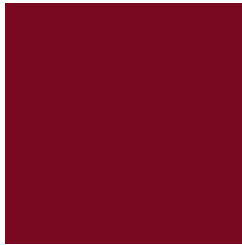
40.4530, 65.8330, 34.8970



81.6180, 132.5370, 70.5290

Previews

White Background



This preview shows how the YIQ color 44.9250, 58.4520, 30.9960 looks on a white background.

Color Contrast Check

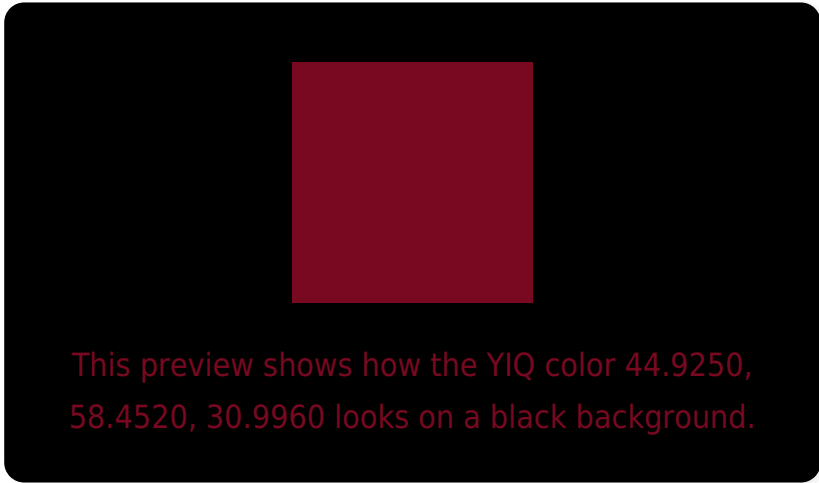
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.9250, 58.4520, 30.9960

Background



This preview shows how black text looks on a background with the YIQ color 44.9250, 58.4520, 30.9960.



This preview shows how white text looks on a background with the YIQ color 44.9250, 58.4520,

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

44.9250, 58.4520, 30.9960

Protanopia

60.8280, 6.2360, -2.8840

Deuteranopia

59.8480, 20.6790, -5.8250



Tritanopia

46.1670, 63.2220, 21.6380

Trichromacy



Original Color

44.9250, 58.4520, 30.9960

Protanomaly

54.9710, 25.3070, 9.4270

Deuteranomaly

54.2940, 34.5230, 7.6030

Tritanomaly

45.7910, 61.5250, 24.8610

Monochromacy



Original Color

44.9250, 58.4520, 30.9960

Achromatopsia

45.0000, -0.0000, -0.0000

Achromatomaly

44.9860, 20.9510, 11.2790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.9250, 58.4520, 30.9960 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(120, 9, 33)` looks like.

```
.text, #text, p{  
    color:rgb(120, 9, 33)  
}
```

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(120, 9, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 9, 33) }
```

Border

The CSS property to change the border of an element to YIQ 44.9250, 58.4520, 30.9960 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(120, 9, 33) }
```


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

```
.border{ border-color:rgb(120, 9, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 9, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 9, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 9, 33);  
box-shadow:4px 4px 4px 4px rgb(120, 9, 33)  
}
```

Background

The CSS property to change the background color of an element to YIQ 44.9250, 58.4520, 30.9960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 9, 33) }
```

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

```
.background{ background-color: rgb(120, 9,  
33) }
```

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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