

Converting Colors

YIQ(47.5050, 68.0820, 21.6660)

Have a look what the booklet for
YIQ(47.5050, 68.0820, 21.6660)
contains.

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Color

**YIQ(47.5050, 68.0820,
21.6660)**

Conversions

Conversions Part 1

Format	Color
Hex	7E0F09
RGB	126, 15, 9
RGB Percent	49%, 6%, 4%
CMY	0.5056, 0.9413, 0.9644
CMYK	0.00, 0.88, 0.93, 0.51
HSL	3°, 87%, 26%
HSV	3°, 93%, 49%
XYZ	8.8338, 4.8009, 0.7215
YIQ	47.5050, 68.0820, 21.6660

Conversions

Conversions Part 2

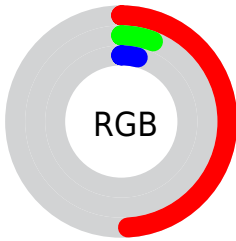
Format	Color
R_YB	126, 15, 9
Decimal	8261385
CIE Lab	26.16, 44.76, 34.78
CIE LCh	26, 56.688, 37.849
Yxy	4.8009, 0.6153, 0.3344
Android (android.graphics.Color)	4286451465 (0xFF7E0F09)
YUV	47.5050, -18.9830, 68.8401
Hunter-Lab	21.9109, 33.6219, 13.3852

Details

The YIQ color **47.5050, 68.0820, 21.6660** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **87.4950, -68.0820, -21.6660**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **103.9200, 74.0430, 18.2590**, and **20.3320, 40.5280, 14.4160** is the 20% darker color. If you saturate the color by 10%, you get **41.1960, 73.4460, 23.5740**, and if you desaturate by 10%, it is **56.0310, 60.6090, 19.4330**.

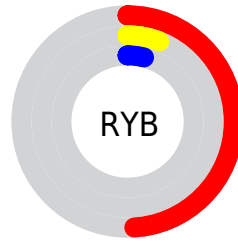
Distribution



Red (49%)

Green (6%)

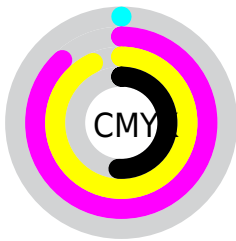
Blue (4%)



Red (49%)

Yellow (6%)

Blue (4%)

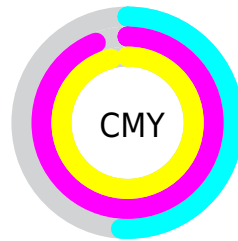


Cyan (0%)

Magenta (88%)

Yellow (93%)

Black (51%)



Cyan (51%)

Magenta (94%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.5050, 68.0820, 21.6660 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 47.5050, 68.0820, 21.6660 by changing the saturation by 10% instead.

47.5050, 68.0820,
21.6660

47.5050, 68.0820,
21.6660

252.7200, 6.4200,
-6.2200

29.0030, 57.8120,
20.5640

103.9200, 74.0430,
18.2590

20.3320, 40.5280,
14.4160

131.7740, 77.3900,
18.1740

12.3730, 24.1150,
9.0030

159.0410, 81.0120,
18.6120


0.0000, 0.0000,
0.0000


179.8330, 69.7340,
13.7500


199.2330, 53.6880,
7.1920


218.7470, 37.3210,


0.9450


 238.9620, 20.3580,
-5.5140


 47.5050, 68.0820,
21.6660


 47.5050, 68.0820,
21.6660


 41.1960, 73.4460,
23.5740

 56.0310, 60.6090,
19.4330

 64.4430, 53.4570,
16.8890

 72.9690, 45.9840,
14.6560

 81.3810, 38.8320,
12.1120

 89.9070, 31.3590,
9.8790

■ 98.4330, 23.8860,
7.6460

■ 106.8450, 16.7340,
5.1020

■ 115.3710, 9.2610,
2.8690

■ 123.8970, 1.7880,
0.6360

Harmonies

Analogous

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



46.1080, 62.8510, 44.8910



47.5050, 68.0820, 21.6660



58.0870, 47.8670, -2.9570

Triad

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



47.5050, 68.0820, 21.6660



48.1630, -29.5210, -32.1850



54.5540, -65.4290, 12.8670

Complementary

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



47.5050, 68.0820, 21.6660



87.4950, -68.0820, -21.6660

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.



60.3270, -66.5280, 5.2480



47.5050, 68.0820, 21.6660



54.6950, -45.1580, -18.6140

Square

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



47.5050, 68.0820, 21.6660



47.0370, -11.7310, -35.2110



59.4830, -58.6400, -5.5520



62.0020, -10.3680, 33.7280

Rectangle

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



47.5050, 68.0820, 21.6660



58.5530, 31.4550, -13.8970



59.4830, -58.6400, -5.5520



57.6030, -67.1250, 10.5630

Sweetspot

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



47.5050, 68.0820, 21.6660



132.6290, 26.2700, 8.4940



56.6370, 34.1010, 59.3250



62.9590, 16.4130, 5.4130



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



47.5050, 68.0820, 21.6660



53.4330, 94.9480, 30.3720



81.5510, 52.1320, -8.6680



59.6800, 3.8970, 0.9610



41.7940, 74.6380, 23.9980



0.0000, 0.0000, 0.0000

Inverse Universe

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



87.4950, -68.0820, -21.6660



109.5670, -94.9480, -30.3720



53.4490, -52.1320, 8.6680



61.3200, -3.8970, -0.9610



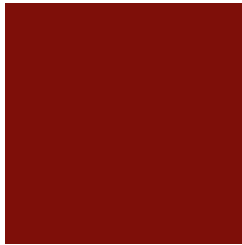
85.6190, -74.3630, -23.4750



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 47.5050, 68.0820, 21.6660 looks on a white background.

Color Contrast Check

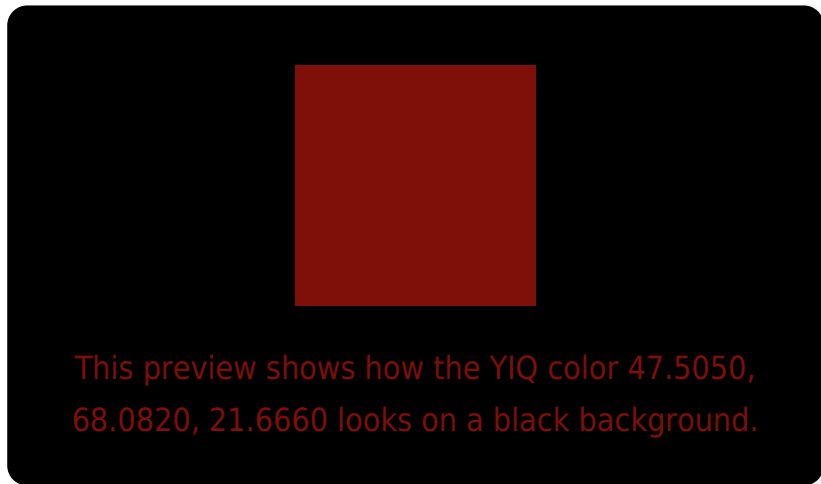
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.5050, 68.0820, 21.6660

Background



This preview shows how black text looks on a background with the YIQ color 47.5050, 68.0820, 21.6660.



This preview shows how white text looks on a background with the YIQ color 47.5050, 68.0820,

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

47.5050, 68.0820, 21.6660

Protanopia

61.9630, 18.6170, -12.5110

Deuteranopia

60.0260, 31.5010, -14.7310



Tritanopia

47.7330, 67.4400, 22.2880

Trichromacy



Original Color

47.5050, 68.0820, 21.6660

Protanomaly

56.9210, 36.7710, -0.1010

Deuteranomaly

55.1730, 44.7490, -1.5150

Tritanomaly

47.6190, 67.7610, 21.9770

Monochromacy



Original Color

47.5050, 68.0820, 21.6660

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

47.7320, 24.4820, 7.8580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.5050, 68.0820, 21.6660 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(126, 15, 9)` looks like.

```
.text, #text, p{  
    color:rgb(126, 15, 9)  
}
```

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(126, 15, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 15, 9) }
```

Border

The CSS property to change the border of an element to YIQ 47.5050, 68.0820, 21.6660 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(126, 15, 9) }
```


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

```
.border{ border-color:rgb(126, 15, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 15, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 15, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 15, 9);  
box-shadow:4px 4px 4px 4px rgb(126, 15, 9)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.5050, 68.0820, 21.6660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 15, 9) }
```

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

```
.background{ background-color: rgb(126, 15,  
9) }
```

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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