

Converting Colors

YIQ(47.9520, 71.0170, 18.0330)

Have a look what the booklet for
YIQ(47.9520, 71.0170, 18.0330)
contains.

YIQ(47.9520, 71.0170, 18.0330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(47.9520, 71.0170,
18.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	7F1100
RGB	127, 17, 0
RGB Percent	50%, 7%, 0%
CMY	0.5017, 0.9335, 0.9997
CMYK	0.00, 0.87, 1.00, 0.50
HSL	8°, 100%, 25%
HSV	8°, 100%, 50%
XYZ	8.9621, 4.9166, 0.4788
YIQ	47.9520, 71.0170, 18.0330

Conversions

Conversions Part 2

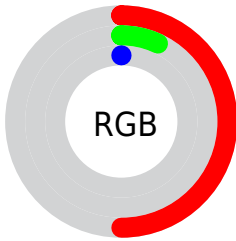
Format	Color
RYB	127, 20, 0
Decimal	8327424
CIELab	26.50, 44.40, 38.83
CIELCh	26, 58.990, 41.171
Yxy	4.9166, 0.6242, 0.3424
Android (android.graphics.Color)	4286517504 (0xFF7F1100)
YUV	47.9520, -23.6403, 69.3251
Hunter-Lab	22.1733, 33.3432, 14.2411

Details

The YIQ color **47.9520, 71.0170, 18.0330** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **79.0480, -71.0170, -18.0330**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **104.7090, 76.0150, 15.5590**, and **20.3320, 40.5280, 14.4160** is the 20% darker color. If you saturate the color by 10%, you get **47.9520, 71.0170, 18.0330**, and if you desaturate by 10%, it is **55.8910, 63.8190, 16.3230**.

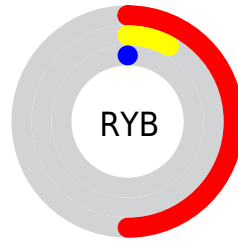
Distribution



Red (50%)

Green (7%)

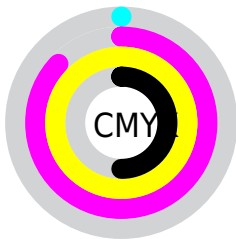
Blue (0%)



Red (50%)

Yellow (8%)

Blue (0%)

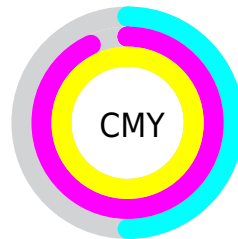


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (50%)



Cyan (50%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.9520, 71.0170, 18.0330 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 47.9520, 71.0170, 18.0330 by changing the saturation by 10% instead.

47.9520, 71.0170,
18.0330

47.9520, 71.0170,
18.0330

251.9220, 8.6670,
-8.3970

29.3020, 58.4080,
20.7760

104.7090, 76.0150,
15.5590

20.3320, 40.5280,
14.4160

131.8620, 79.9580,
15.6860

12.6720, 24.7110,
9.2150

159.1290, 83.5800,
16.1240

0.0000, 0.0000,
0.0000

179.6220, 71.7060,
11.0500

199.0220, 55.6600,
4.4920

218.5360, 39.2930,

-1.7550

■ 238.7510, 22.3300,
-8.2140

■ 47.9520, 71.0170,
18.0330

■ 55.8910, 63.8190,
16.3230

■ 63.7160, 56.9420,
14.3020

■ 71.6550, 49.7440,
12.5920

■ 79.5940, 42.5460,
10.8820

■ 87.5330, 35.3480,
9.1720

■ 95.3580, 28.4710,
7.1510

■ 103.2970, 21.2730,
5.4410

■ 111.2360, 14.0750,
3.7310

■ 119.0610, 7.1980,
1.7100

Harmonies

Analogous

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



46.7340, 66.8400, 44.1840



47.9520, 71.0170, 18.0330



59.2500, 45.8500, -4.9500

Triad

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



47.9520, 71.0170, 18.0330



49.9070, -31.6760, -31.6760



55.0100, -66.7130, 14.1110

Complementary

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



47.9520, 71.0170, 18.0330



79.0480, -71.0170, -18.0330

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.



61.5980, -68.7290, 6.5910



47.9520, 71.0170, 18.0330



55.9660, -47.3590, -17.2710

Square

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



47.9520, 71.0170, 18.0330



44.0250, -20.6250, -39.2250



60.8680, -61.1620, -3.8980



63.0460, -4.5000, 37.5160

Rectangle

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



47.9520, 71.0170, 18.0330



59.1180, 28.2460, -16.3140



60.8680, -61.1620, -3.8980



58.0590, -68.4090, 11.8070

Sweetspot

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



47.9520, 71.0170, 18.0330



135.0590, 27.8750, 6.9390



50.7410, 39.7400, 61.7560



65.3180, 16.7800, 4.2680



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



47.9520, 71.0170, 18.0330



62.5480, 92.8860, 23.6860



83.7590, 54.2420, -13.8700



59.6800, 3.8970, 0.9610



48.2510, 71.6130, 18.2450



0.0000, 0.0000, 0.0000

Inverse Universe

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



79.0480, -71.0170, -18.0330



103.4520, -92.8860, -23.6860



43.2410, -54.2420, 13.8700



61.3200, -3.8970, -0.9610



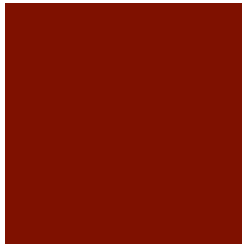
79.7490, -71.6130, -18.2450



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 47.9520, 71.0170, 18.0330 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 47.9520, 71.0170, 18.0330

Background



This preview shows how black text looks on a background with the YIQ color 47.9520, 71.0170, 18.0330.



This preview shows how white text looks on a background with the YIQ color 47.9520, 71.0170,

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

47.9520, 71.0170, 18.0330

Protanopia

61.8060, 20.4970, -13.5430

Deuteranopia

60.9120, 31.8220, -15.0420



Tritanopia

48.9610, 66.7980, 22.9100

Trichromacy



Original Color

47.9520, 71.0170, 18.0330

Protanomaly

57.1230, 39.0180, -2.2780

Deuteranomaly

56.3040, 45.7580, -3.2820

Tritanomaly

48.3910, 68.4030, 21.3550

Monochromacy



Original Color

47.9520, 71.0170, 18.0330

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

48.2760, 25.7660, 6.6140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.9520, 71.0170, 18.0330 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(127, 17, 0)` looks like.

```
.text, #text, p{  
    color:rgb(127, 17, 0)  
}
```

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(127, 17, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 17, 0) }
```

Border

The CSS property to change the border of an element to YIQ 47.9520, 71.0170, 18.0330 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(127, 17, 0) }
```


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

```
.border{ border-color:rgb(127, 17, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 17, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 17, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 17, 0);  
box-shadow:4px 4px 4px 4px rgb(127, 17, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.9520, 71.0170, 18.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 17, 0) }
```

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

```
.background{ background-color: rgb(127, 17,  
0) }
```

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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