

Converting Colors

YIQ(52.9070, 66.8900, 21.2420)

Have a look what the booklet for
YIQ(52.9070, 66.8900, 21.2420)
contains.

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Color

**YIQ(52.9070, 66.8900,
21.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	82150F
RGB	130, 21, 15
RGB Percent	51%, 8%, 6%
CMY	0.4899, 0.9178, 0.9409
CMYK	0.00, 0.84, 0.88, 0.49
HSL	3°, 79%, 28%
HSV	3°, 88%, 51%
XYZ	9.5700, 5.3203, 0.9770
YIQ	52.9070, 66.8900, 21.2420

Conversions

Conversions Part 2

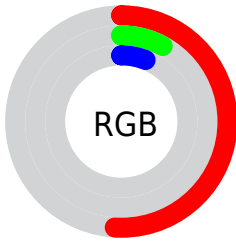
Format	Color
R_{YB}	130, 21, 15
Decimal	8525071
CIE _{Lab}	27.63, 44.56, 33.66
CIE _{LCh}	28, 55.841, 37.071
Yxy	5.3203, 0.6031, 0.3353
Android (android.graphics.Color)	4286715151 (0xFF82150F)
YUV	52.9070, -18.6882, 67.6106
Hunter-Lab	23.0658, 33.6942, 13.6346

Details

The YIQ color **52.9070, 66.8900, 21.2420** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **92.0930, -66.8900, -21.2420**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **108.7350, 73.1260, 18.3580**, and **21.5280, 42.9120, 15.2640** is the 20% darker color. If you saturate the color by 10%, you get **44.3810, 74.3630, 23.4750**, and if you desaturate by 10%, it is **61.4330, 59.4170, 19.0090**.

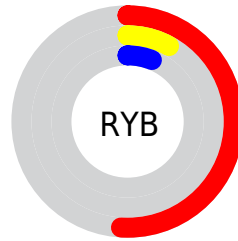
Distribution



Red (51%)

Green (8%)

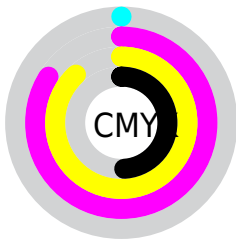
Blue (6%)



Red (51%)

Yellow (8%)

Blue (6%)

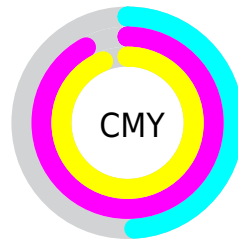


Cyan (0%)

Magenta (84%)

Yellow (88%)

Black (49%)



Cyan (49%)

Magenta (92%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.9070, 66.8900, 21.2420 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 52.9070, 66.8900, 21.2420 by changing the saturation by 10% instead.

■ 52.9070, 66.8900,
21.2420

■ 52.9070, 66.8900,
21.2420

■ 253.5180, 4.1730,
-4.0430

■ 30.1990, 60.1960,
21.4120

■ 108.7350, 73.1260,
18.3580

■ 21.5280, 42.9120,
15.2640

■ 135.8880, 77.0690,
18.4850

■ 13.9820, 26.7740,
10.3740

■ 163.2690, 80.3700,
19.2340

■ 0.0000, 0.0000,
0.0000

■ 183.4520, 66.4330,
13.0010

■ 202.2650, 50.6620,
6.9660

■ 222.3660, 34.0200,

0.1960

■ 242.5810, 17.0570,
-6.2630

■ 52.9070, 66.8900,
21.2420

■ 52.9070, 66.8900,
21.2420

■ 44.3810, 74.3630,
23.4750

■ 61.4330, 59.4170,
19.0090

■ 42.9790, 75.5550,
23.8990

■ 70.5460, 51.6690,
16.2530

■ 79.0720, 44.1960,
14.0200

■ 87.5980, 36.7230,
11.7870

■ 96.7110, 28.9750,
9.0310

■ 105.2370, 21.5020,
6.7980

■ 113.7630, 14.0290,
4.5650

■ 122.8760, 6.2810,
1.8090

■ 131.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



47.7600, 63.9510, 46.9830



52.9070, 66.8900, 21.2420



61.3430, 50.0220, -3.4660

Triad

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



52.9070, 66.8900, 21.2420



50.8530, -31.5840, -33.3440



57.2440, -67.4920, 11.7080

Complementary

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



52.9070, 66.8900, 21.2420



92.0930, -66.8900, -21.2420

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.



62.9030, -68.2700, 3.7780



52.9070, 66.8900, 21.2420



57.2710, -46.9000, -20.0840

Square

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



52.9070, 66.8900, 21.2420



51.1900, -7.7880, -35.0840



61.3580, -59.7860, -6.8100



65.9910, -11.8350, 32.7810

Rectangle

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



52.9070, 66.8900, 21.2420



61.5100, 33.0140, -14.6180



61.3580, -59.7860, -6.8100



59.5920, -68.5920, 9.6160

Sweetspot

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



52.9070, 66.8900, 21.2420



137.6290, 26.2700, 8.4940



61.8110, 33.5510, 58.2790



66.2470, 15.5420, 4.6780



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.



52.9070, 66.8900, 21.2420



55.5150, 97.6530, 30.9090



86.3660, 51.2150, -8.5690



61.7940, 3.5760, 1.2720



42.9790, 75.5550, 23.8990



0.8970, 1.7880, 0.6360

Inverse Universe

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



92.0930, -66.8900, -21.2420



113.0720, -97.9280, -31.4320



58.6340, -51.2150, 8.5690



64.2060, -3.5760, -1.2720



87.0210, -75.5550, -23.8990



1.5160, -1.5130, -0.1130

Previews

White Background



This preview shows how the YIQ color 52.9070, 66.8900, 21.2420 looks on a white background.

Color Contrast Check

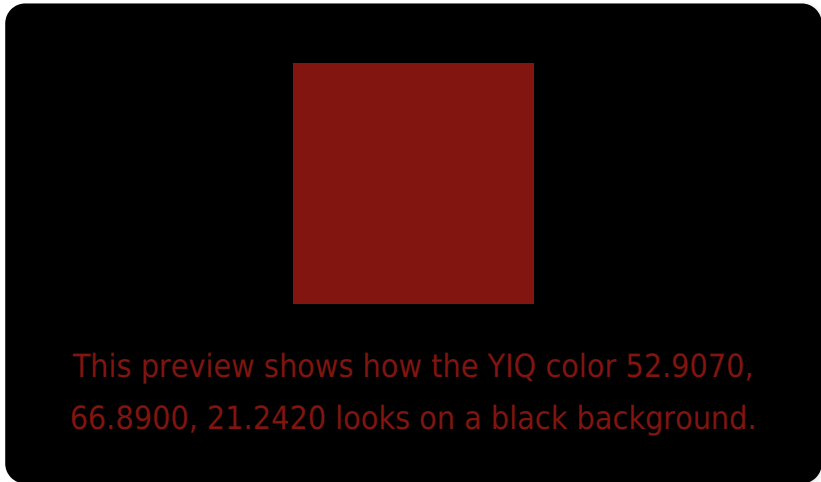
Large Text (above 18pt) WCAG AA ✓ Pass

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

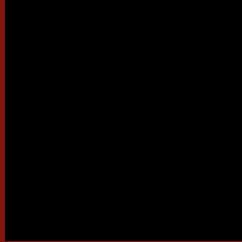
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.9070, 66.8900, 21.2420

Background



This preview shows how black text looks on a background with the YIQ color 52.9070, 66.8900, 21.2420.



This preview shows how white text looks on a background with the YIQ color 52.9070, 66.8900,

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

52.9070, 66.8900, 21.2420

Protanopia

64.7180, 17.9290, -11.0550

Deuteranopia

62.9830, 33.0600, -15.4520



Tritanopia

52.7760, 65.8810, 23.0090

Trichromacy



Original Color

52.9070, 66.8900, 21.2420

Protanomaly

60.2630, 35.8080, 0.8320

Deuteranomaly

58.9450, 45.3910, -2.1370

Tritanomaly

52.6620, 66.2020, 22.6980

Monochromacy



Original Color

52.9070, 66.8900, 21.2420

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.7320, 24.4820, 7.8580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.9070, 66.8900, 21.2420 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(130, 21, 15)` looks like.

```
.text, #text, p{  
    color:rgb(130, 21, 15)  
}
```

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(130, 21, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 21, 15) }
```

Border

The CSS property to change the border of an element to YIQ 52.9070, 66.8900, 21.2420 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(130, 21, 15) }
```


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

```
.border{ border-color:rgb(130, 21, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 21, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 21, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 21, 15);  
box-shadow:4px 4px 4px 4px rgb(130, 21,  
15) }
```

Background

The CSS property to change the background color of an element to YIQ 52.9070, 66.8900, 21.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 21, 15) }
```

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

```
.background{ background-color: rgb(130, 21,  
15) }
```

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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