

Converting Colors

YIQ(65.2120, 51.2950, 56.0870)

Have a look what the booklet for
YIQ(65.2120, 51.2950, 56.0870)
contains.

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Color

**YIQ(65.2120, 51.2950,
56.0870)**

Conversions

Conversions Part 1

Format	Color
Hex	950F68
RGB	149, 15, 104
RGB Percent	58%, 6%, 41%
CMY	0.4153, 0.9413, 0.5920
CMYK	0.00, 0.90, 0.30, 0.42
HSL	320°, 82%, 32%
HSV	320°, 90%, 58%
XYZ	15.0823, 7.7388, 13.8047
YIQ	65.2120, 51.2950, 56.0870

Conversions

Conversions Part 2

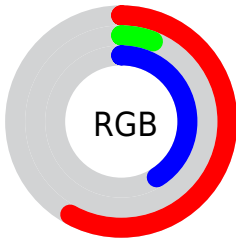
Format	Color
RYB	149, 15, 104
Decimal	9768808
CIELab	33.43, 57.62, -15.24
CIELCh	33, 59.605, 345.181
Yxy	7.7388, 0.4118, 0.2113
Android (android.graphics.Color)	4287958888 (0xFF950F68)
YUV	65.2120, 19.1225, 73.4821
Hunter-Lab	27.8187, 48.0938, -9.9488

Details

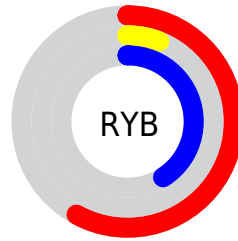
The YIQ color **65.2120, 51.2950, 56.0870** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **98.7880, -51.2950, -56.0870**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.5230, 51.6170, 50.2490**, and **34.3050, 37.1310, 37.4430** is the 20% darker color. If you saturate the color by 10%, you get **55.8370, 57.0250, 62.3770**, and if you desaturate by 10%, it is **74.5870, 45.5650, 49.7970**.

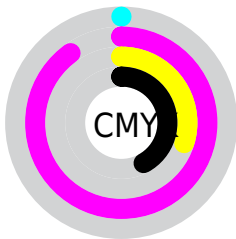
Distribution



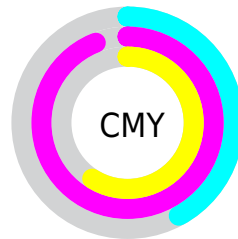
- Red (58%)
- Green (6%)
- Blue (41%)



- Red (58%)
- Yellow (6%)
- Blue (41%)



- Cyan (0%)
- Magenta (90%)
- Yellow (30%)
- Black (42%)





- Cyan (42%)
- Magenta (94%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 65.2120, 51.2950, 56.0870 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 65.2120, 51.2950, 56.0870 by changing the saturation by 10% instead.


 65.2120, 51.2950,
56.0870


 65.2120, 51.2950,
56.0870


255.0000, -0.0000,
-0.0000


 45.2990, 46.4360,
50.5320


 126.5230, 51.6170,
50.2490


 34.3050, 37.1310,
37.4430

 155.0070, 53.1300,
50.3620


 24.0230, 28.6970,
25.0890

 180.0170, 47.1700,
48.2420

 13.5130, 20.9050,
12.1130

 199.6450, 30.4820,
42.3060

 0.0000, 0.0000,
0.0000

 218.6060, 17.0500,
32.4260

 235.0420, 9.3500,

17.7820

252.6520, 1.1000,
2.0920

65.2120, 51.2950,
56.0870

65.2120, 51.2950,
56.0870

55.8370, 57.0250,
62.3770

74.5870, 45.5650,
49.7970

83.9620, 39.8350,
43.5070

93.3370, 34.1050,
37.2170

102.7120, 28.3750,
30.9270

112.0870, 22.6450,
24.6370

■ 120.8750, 17.1900,
18.8700

■ 130.2500, 11.4600,
12.5800

■ 139.6250, 5.7300,
6.2900

■ 149.0000, 0.0000,
-0.0000

Harmonies

Analogous

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



79.7590, 3.7980, 41.3180



65.2120, 51.2950, 56.0870



56.3870, 75.3670, 49.3430

Triad

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



65.2120, 51.2950, 56.0870



71.7330, 21.6000, -28.0320



73.4690, -73.2200, -5.6360

Complementary

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



65.2120, 51.2950, 56.0870



98.7880, -51.2950, -56.0870

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.



69.1540, -59.6920, -19.5320



65.2120, 51.2950, 56.0870



54.5910, -25.5750, -48.6390

Square

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



65.2120, 51.2950, 56.0870



74.6000, 50.4360, -10.9720



62.9810, -43.6880, -34.2480



72.9110, -79.9160, 5.5880

Rectangle

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



65.2120, 51.2950, 56.0870



66.7230, 73.4000, 24.4080



62.9810, -43.6880, -34.2480



72.5740, -69.3220, -10.2020

Sweetspot

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



65.2120, 51.2950, 56.0870



160.8370, 20.3530, 22.1210



43.7310, -16.1940, 51.2140



77.5490, 12.0560, 12.7920



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



65.2120, 51.2950, 56.0870



72.7120, 74.2150, 81.2470



57.5740, 72.8020, 35.2500



69.5490, 2.8880, 2.7280



51.6360, 53.0370, 57.5570



3.7880, 3.7130, 4.2970

Inverse Universe

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



65.2120, 51.2950, 56.0870



72.7120, 74.2150, 81.2470



106.4260, -72.8020, -35.2500



69.5490, 2.8880, 2.7280



51.6360, 53.0370, 57.5570



3.7880, 3.7130, 4.2970

Previews

White Background



This preview shows how the YIQ color 65.2120, 51.2950, 56.0870 looks on a white background.

Color Contrast Check

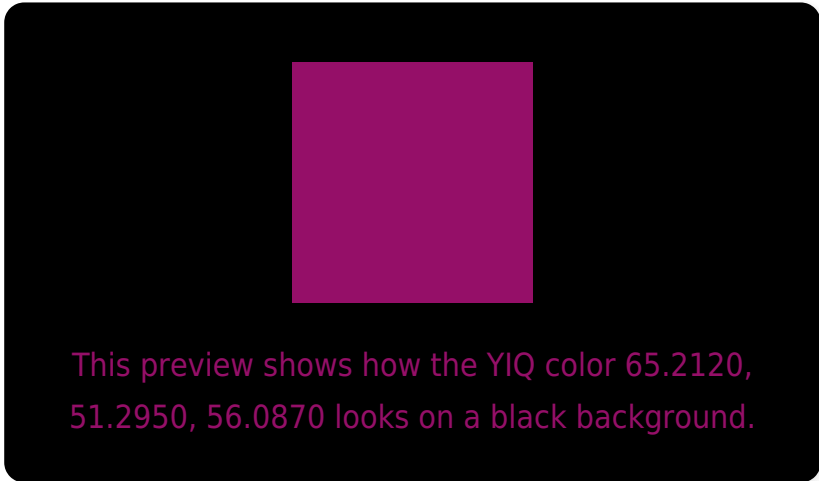
Large Text (above 18pt) WCAG AA ✓ Pass

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

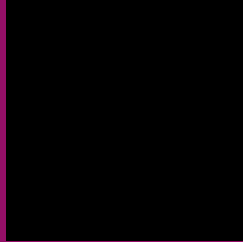
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.2120, 51.2950, 56.0870

Background



This preview shows how black text looks on a background with the YIQ color 65.2120, 51.2950, 56.0870.



This preview shows how white text looks on a background with the YIQ color 65.2120, 51.2950,

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

65.2120, 51.2950, 56.0870

Protanopia

77.0700, -40.5790, 14.0530

Deuteranopia

81.3510, -5.1820, 5.8100



Tritanopia

73.7260, 60.1500, 22.2460

Trichromacy



Original Color

65.2120, 51.2950, 56.0870

Protanomaly

72.9220, -7.3870, 29.2610

Deuteranomaly

75.6670, 15.0800, 24.0720

Tritanomaly

70.5490, 56.7550, 34.2190

Monochromacy



Original Color

65.2120, 51.2950, 56.0870

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.2990, 18.9320, 20.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.2120, 51.2950, 56.0870 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(149, 15, 104)` looks like.

```
.text, #text, p{  
    color:rgb(149, 15, 104)  
}
```

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(149, 15, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 15, 104) }
```

Border

The CSS property to change the border of an element to YIQ 65.2120, 51.2950, 56.0870 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(149, 15, 104) }
```


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

```
.border{ border-color:rgb(149, 15, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 15, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 15, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 15, 104);  
box-shadow:4px 4px 4px 4px rgb(149, 15,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 65.2120, 51.2950, 56.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 15, 104) }
```

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

```
.background{ background-color: rgb(149, 15,  
104) }
```

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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