

Converting Colors

YIQ(51.4250, 72.2040, 46.0920)

Have a look what the booklet for
YIQ(51.4250, 72.2040, 46.0920)
contains.

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Color

**YIQ(51.4250, 72.2040,
46.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	950232
RGB	149, 2, 50
RGB Percent	58%, 1%, 20%
CMY	0.4153, 0.9923, 0.8037
CMYK	0.00, 0.99, 0.66, 0.42
HSL	340°, 97%, 30%
HSV	340°, 99%, 58%
XYZ	13.0102, 6.6716, 3.6268
YIQ	51.4250, 72.2040, 46.0920

Conversions

Conversions Part 2

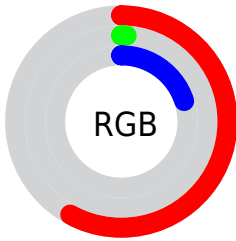
Format	Color
R_{YB}	149, 2, 50
Decimal	9765426
CIE _{Lab}	31.05, 54.89, 16.77
CIE _{LCh}	31, 57.396, 16.984
Yxy	6.6716, 0.5582, 0.2862
Android (android.graphics.Color)	4287955506 (0xFF950232)
YUV	51.4250, -0.7025, 85.5733
Hunter-Lab	25.8294, 44.7087, 9.7554

Details

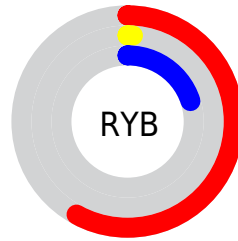
The YIQ color **51.4250, 72.2040, 46.0920** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **99.5750, -72.2040, -46.0920**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **116.8730, 73.3980, 35.4620**, and **27.6650, 52.9520, 20.5360** is the 20% darker color. If you saturate the color by 10%, you get **50.1370, 73.0750, 46.8270**, and if you desaturate by 10%, it is **61.3700, 64.8690, 41.3570**.

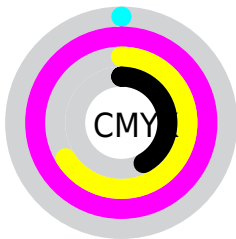
Distribution



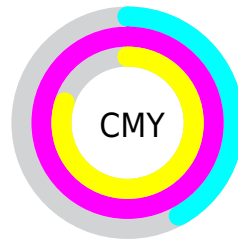
- Red (58%)
- Green (1%)
- Blue (20%)



- Red (58%)
- Yellow (1%)
- Blue (20%)



- Cyan (0%)
- Magenta (99%)
- Yellow (66%)
- Black (42%)





- Cyan (42%)
- Magenta (99%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 51.4250, 72.2040, 46.0920 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 51.4250, 72.2040, 46.0920 by changing the saturation by 10% instead.


 51.4250, 72.2040,
46.0920


 51.4250, 72.2040,
46.0920


255.0000, -0.0000,
-0.0000


 39.1860, 62.2110,
34.4590


 116.8730, 73.3980,
35.4620


 27.6650, 52.9520,
20.5360

 144.8410, 76.4240,
35.6880


 19.0650, 36.9060,
13.9780

 168.6120, 69.6390,
31.9990

 9.0840, 17.5590,
6.6710


 188.1260, 53.2720,
25.7520


 0.0000, 0.0000,
0.0000


 207.6400, 36.9050,
19.5050


 227.8550, 19.9420,


13.0460


 247.9560, 3.3000,
6.2760


 51.4250, 72.2040,
46.0920


 51.4250, 72.2040,
46.0920


 50.1370, 73.0750,
46.8270

 61.3700, 64.8690,
41.3570

 71.3150, 57.5340,
36.6220

 81.2600, 50.1990,
31.8870

 91.2050, 42.8640,
27.1520

 101.1500, 35.5290,
22.4170

■ 110.5080, 28.4690,
18.2050

■ 120.4530, 21.1340,
13.4700

■ 130.3980, 13.7990,
8.7350

■ 140.3430, 6.4640,
4.0000

Harmonies

Analogous

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



57.0980, 51.6160, 55.7760



51.4250, 72.2040, 46.0920



64.1870, 68.4970, 8.6330

Triad

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



51.4250, 72.2040, 46.0920



51.0690, -23.9250, -45.5010



67.7760, -75.1020, 6.4500

Complementary

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



51.4250, 72.2040, 46.0920



99.5750, -72.2040, -46.0920

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.



68.6760, -69.3690, -3.8410



51.4250, 72.2040, 46.0920



59.2310, -41.3960, -31.7320

Square

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



51.4250, 72.2040, 46.0920



66.4060, 18.2070, -27.1130



65.1760, -56.7580, -17.6380



59.3300, -70.6100, 13.1500

Rectangle

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



51.4250, 72.2040, 46.0920



68.4420, 54.0570, -5.0070



65.1760, -56.7580, -17.6380



68.8530, -74.0010, 3.0150

Sweetspot

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



51.4250, 72.2040, 46.0920



155.5080, 28.4690, 18.2050



48.0600, 11.2210, 66.4930



73.7190, 17.3290, 10.8410



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.



51.4250, 72.2040, 46.0920



65.1880, 95.4010, 60.7210



60.0410, 81.0120, 18.6120



69.3210, 3.5300, 2.1060



46.3920, 67.8030, 43.2510



3.3320, 4.9970, 3.0530

Inverse Universe

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



51.4250, 72.2040, 46.0920



65.1880, 95.4010, 60.7210



90.9590, -81.0120, -18.6120



69.3210, 3.5300, 2.1060



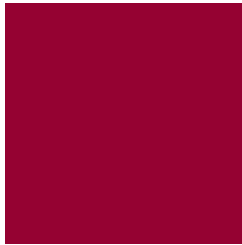
46.3920, 67.8030, 43.2510



3.3320, 4.9970, 3.0530

Previews

White Background



This preview shows how the YIQ color 51.4250, 72.2040, 46.0920 looks on a white background.

Color Contrast Check

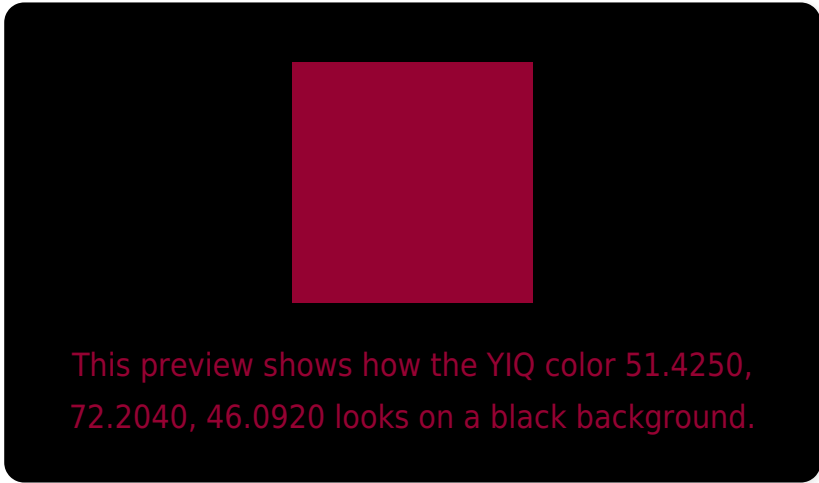
Large Text (above 18pt) WCAG AA ✓ Pass

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

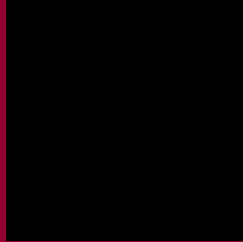
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.4250, 72.2040, 46.0920

Background



This preview shows how black text looks on a background with the YIQ color 51.4250, 72.2040, 46.0920.



This preview shows how white text looks on a background with the YIQ color 51.4250, 72.2040,

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

51.4250, 72.2040, 46.0920

Protanopia

76.3700, 1.8340, -0.1980

Deuteranopia

75.5600, 21.5500, -5.0900



Tritanopia

58.0440, 76.9300, 26.5140

Trichromacy



Original Color

51.4250, 72.2040, 46.0920

Protanomaly

67.2690, 27.6440, 16.6360

Deuteranomaly

66.6200, 39.6570, 13.6810

Tritanomaly

55.3030, 75.0030, 33.9070

Monochromacy



Original Color

51.4250, 72.2040, 46.0920

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

51.1980, 26.4060, 17.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.4250, 72.2040, 46.0920 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, 2, 50)` looks like.

```
.text, #text, p{  
    color:rgb(149, 2, 50)  
}
```

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, 2, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 2, 50) }
```

Border

The CSS property to change the border of an element to YIQ 51.4250, 72.2040, 46.0920 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, 2, 50) }
```


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

```
.border{ border-color:rgb(149, 2, 50) }
```

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

Here you see how a box with a 4 pixel rgb(149, 2, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 2, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 2, 50);  
box-shadow:4px 4px 4px 4px rgb(149, 2, 50)  
}
```

Background

The CSS property to change the background color of an element to YIQ 51.4250, 72.2040, 46.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 2, 50) }
```

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

```
.background{ background-color: rgb(149, 2,  
50) }
```

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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