

Converting Colors

YIQ(56.9630, 81.6520, 29.0440)

Have a look what the booklet for
YIQ(56.9630, 81.6520, 29.0440)
contains.

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Color

**YIQ(56.9630, 81.6520,
29.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	991010
RGB	153, 16, 16
RGB Percent	60%, 6%, 6%
CMY	0.3997, 0.9374, 0.9369
CMYK	0.00, 0.90, 0.89, 0.40
HSL	360°, 81%, 33%
HSV	360°, 90%, 60%
XYZ	13.4312, 7.1869, 1.1728
YIQ	56.9630, 81.6520, 29.0440

Conversions

Conversions Part 2

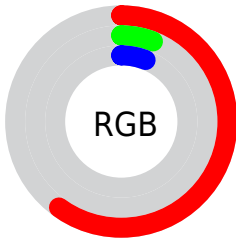
Format	Color
R_{YB}	153, 16, 16
Decimal	10031120
CIE Lab	32.23, 52.55, 38.98
CIE LCh	32, 65.431, 36.570
Yxy	7.1869, 0.6164, 0.3298
Android (android.graphics.Color)	4288221200 (0xFF991010)
YUV	56.9630, -20.1948, 84.2244
Hunter-Lab	26.8085, 42.5145, 16.1722

Details

The YIQ color **56.9630, 81.6520, 29.0440** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **112.0370, -81.6520, -29.0440**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.6120, 86.8340, 23.2340**, and **27.5080, 54.8320, 19.5040** is the 20% darker color. If you saturate the color by 10%, you get **46.4480, 90.5920, 32.2240**, and if you desaturate by 10%, it is **67.4780, 72.7120, 25.8640**.

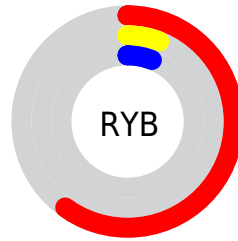
Distribution



Red (60%)

Green (6%)

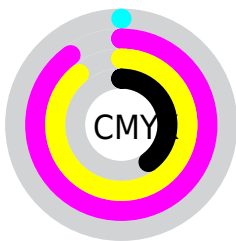
Blue (6%)



Red (60%)

Yellow (6%)

Blue (6%)

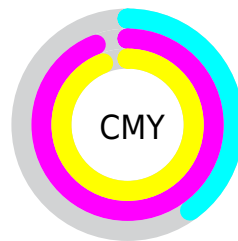


Cyan (0%)

Magenta (90%)

Yellow (89%)

Black (40%)



Cyan (40%)


Magenta (94%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 56.9630, 81.6520, 29.0440 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 56.9630, 81.6520, 29.0440 by changing the saturation by 10% instead.


 56.9630, 81.6520,
29.0440


 56.9630, 81.6520,
29.0440


 253.8600, 3.2100,
-3.1100


 36.7770, 73.3080,
26.0760


 117.6120, 86.8340,
23.2340


 27.5080, 54.8320,
19.5040

 145.6510, 91.0980,
23.0500


 19.2500, 37.8230,
13.8790

 166.7420, 80.4160,
18.4000

 9.9810, 19.3470,
7.3070

 186.1420, 64.3700,
11.8420

 0.0000, 0.0000,
0.0000

 205.5420, 48.3240,
5.2840

 225.6430, 31.6820,

-1.4860

■ 245.8580, 14.7190,
-7.9450

■ 56.9630, 81.6520,
29.0440

■ 56.9630, 81.6520,
29.0440

■ 46.4480, 90.5920,
32.2240

■ 67.4780, 72.7120,
25.8640

■ 45.7470, 91.1880,
32.4360

■ 78.6940, 63.1760,
22.4720

■ 89.2090, 54.2360,
19.2920

■ 99.7240, 45.2960,
16.1120

■ 110.9400, 35.7600,
12.7200

■ 121.4550, 26.8200,
9.5400

■ 131.9700, 17.8800,
6.3600

■ 142.4850, 8.9400,
3.1800

■ 153.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



56.0760, 75.0450, 55.1810



56.9630, 81.6520, 29.0440



70.8340, 58.8250, -3.3110

Triad

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



56.9630, 81.6520, 29.0440



58.7120, -35.8010, -39.5210



67.4800, -79.7800, 14.1400

Complementary

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



56.9630, 81.6520, 29.0440



112.0370, -81.6520, -29.0440

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.



73.6120, -80.5120, 5.3760



56.9630, 81.6520, 29.0440



66.1560, -54.0060, -23.4620

Square

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



56.9630, 81.6520, 29.0440



58.2230, -12.5550, -42.3070



71.9700, -70.3770, -7.6010



75.9400, -15.8250, 39.0150

Rectangle

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



56.9630, 81.6520, 29.0440



71.8650, 39.2040, -16.6680



71.9700, -70.3770, -7.6010



70.5290, -81.4760, 11.8360

Sweetspot

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



56.9630, 81.6520, 29.0440



161.1460, 32.1840, 11.4480



71.9830, 36.4830, 71.2270



77.2690, 18.4760, 6.5720



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



56.9630, 81.6520, 29.0440



59.5010, 118.6040, 42.1880



95.7050, 63.5020, -5.4740



71.3920, 4.7680, 1.6960



41.8600, 83.4400, 29.6800



3.8870, 7.7480, 2.7560

Inverse Universe

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



56.9630, 81.6520, 29.0440



59.5010, 118.6040, 42.1880



73.2950, -63.5020, 5.4740



71.3920, 4.7680, 1.6960



41.8600, 83.4400, 29.6800



3.8870, 7.7480, 2.7560

Previews

White Background



This preview shows how the YIQ color 56.9630, 81.6520, 29.0440 looks on a white background.

Color Contrast Check

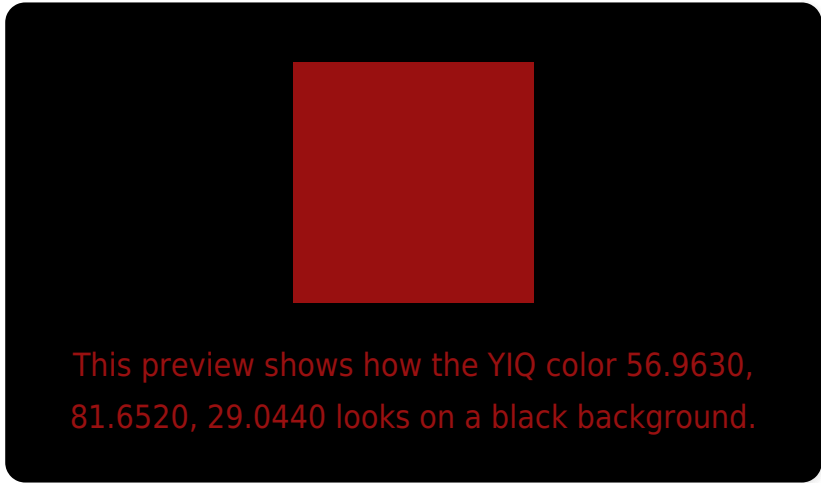
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.9630, 81.6520, 29.0440

Background



This preview shows how black text looks on a background with the YIQ color 56.9630, 81.6520, 29.0440.



This preview shows how white text looks on a background with the YIQ color 56.9630, 81.6520,

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

56.9630, 81.6520, 29.0440

Protanopia

75.1050, 21.0930, -13.3310

Deuteranopia

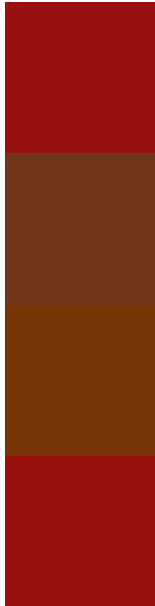
73.0390, 38.6540, -17.7140



Tritanopia

56.9800, 82.9820, 26.9660

Trichromacy



Original Color

56.9630, 81.6520, 29.0440

Protanomaly

68.2100, 43.3270, 2.2310

Deuteranomaly

67.3760, 54.4230, -0.6250

Tritanomaly

57.2080, 82.3400, 27.5880

Monochromacy



Original Color

56.9630, 81.6520, 29.0440

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9500, 29.8000, 10.6000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.9630, 81.6520, 29.0440 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(153, 16, 16)` looks like.

```
.text, #text, p{  
    color:rgb(153, 16, 16)  
}
```

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(153, 16, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 16, 16) }
```

Border

The CSS property to change the border of an element to YIQ 56.9630, 81.6520, 29.0440 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(153, 16, 16) }
```


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

```
.border{ border-color:rgb(153, 16, 16) }
```

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

Here you see how a box with a 4 pixel rgb(153, 16, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 16, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 16, 16);  
box-shadow:4px 4px 4px 4px rgb(153, 16,  
16) }
```

Background

The CSS property to change the background color of an element to YIQ 56.9630, 81.6520, 29.0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 16, 16) }
```

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

```
.background{ background-color: rgb(153, 16,  
16) }
```

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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