

Converting Colors

YIQ(59.2120, 76.5170, 28.4930)

Have a look what the booklet for
YIQ(59.2120, 76.5170, 28.4930)
contains.

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Color

**YIQ(59.2120, 76.5170,
28.4930)**

Conversions

Conversions Part 1

Format	Color
Hex	961417
RGB	150, 20, 23
RGB Percent	59%, 8%, 9%
CMY	0.4115, 0.9217, 0.9095
CMYK	0.00, 0.87, 0.85, 0.41
HSL	359°, 77%, 33%
HSV	359°, 87%, 59%
XYZ	12.9969, 7.0521, 1.4908
YIQ	59.2120, 76.5170, 28.4930

Conversions

Conversions Part 2

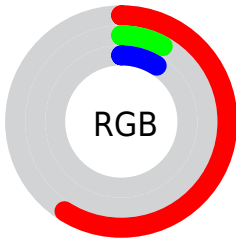
Format	Color
R_{YB}	150, 20, 23
Decimal	9835543
CIE Lab	31.93, 51.02, 34.78
CIE LCh	32, 61.749, 34.284
Yxy	7.0521, 0.6034, 0.3274
Android (android.graphics.Color)	4288025623 (0xFF961417)
YUV	59.2120, -17.8525, 79.6211
Hunter-Lab	26.5558, 40.8885, 15.2606

Details

The YIQ color **59.2120, 76.5170, 28.4930** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **110.7880, -76.5170, -28.4930**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **117.6870, 82.2490, 23.7290**, and **26.9100, 53.6400, 19.0800** is the 20% darker color. If you saturate the color by 10%, you get **48.6970, 85.4570, 31.6730**, and if you desaturate by 10%, it is **69.7270, 67.5770, 25.3130**.

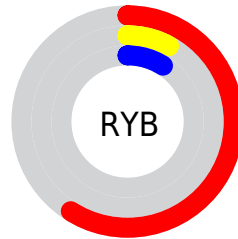
Distribution



Red (59%)

Green (8%)

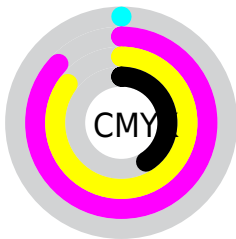
Blue (9%)



Red (59%)

Yellow (8%)

Blue (9%)

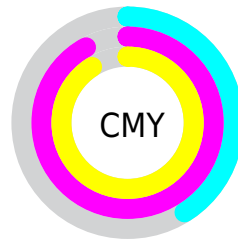


Cyan (0%)

Magenta (87%)

Yellow (85%)

Black (41%)



Cyan (41%)

Magenta (92%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.2120, 76.5170, 28.4930 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 59.2120, 76.5170, 28.4930 by changing the saturation by 10% instead.

■ 59.2120, 76.5170,
28.4930

■ 59.2120, 76.5170,
28.4930

254.6580, 0.9630,
-0.9330

■ 35.8800, 71.5200,
25.4400

■ 117.6870, 82.2490,
23.7290

■ 26.9100, 53.6400,
19.0800

■ 145.8400, 86.1920,
23.8560

■ 18.7660, 36.3100,
13.7660

■ 168.1270, 77.8940,
20.0540

■ 9.0840, 17.5590,
6.6710

■ 187.5270, 61.8480,
13.4960

■ 0.0000, 0.0000,
0.0000

■ 206.9270, 45.8020,
6.9380

■ 227.0280, 29.1600,

0.1680

■ 247.2430, 12.1970,
-6.2910

■ 59.2120, 76.5170,
28.4930

■ 59.2120, 76.5170,
28.4930

■ 48.6970, 85.4570,
31.6730

■ 69.7270, 67.5770,
25.3130

■ 45.3060, 88.1160,
33.0440

■ 80.1280, 58.9580,
21.8220

■ 90.6430, 50.0180,
18.6420

■ 101.1580, 41.0780,
15.4620

■ 111.5590, 32.4590,
11.9710

■ 122.0740, 23.5190,
8.7910

■ 132.5890, 14.5790,
5.6110

■ 142.9900, 5.9600,
2.1200

■ 153.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



54.6240, 70.5060, 54.8420



59.2120, 76.5170, 28.4930



69.6600, 59.3750, -2.2650

Triad

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



59.2120, 76.5170, 28.4930



57.3100, -34.6090, -39.0970



66.7960, -77.8540, 12.2740

Complementary

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



59.2120, 76.5170, 28.4930



110.7880, -76.5170, -28.4930

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.



71.9990, -77.3480, 3.1000



59.2120, 76.5170, 28.4930



64.9990, -52.1260, -24.4940

Square

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



59.2120, 76.5170, 28.4930



60.9360, -4.2570, -38.5050



70.4710, -67.5340, -9.5660



75.2660, -19.8590, 35.0290

Rectangle

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



59.2120, 76.5170, 28.4930



71.2890, 40.9460, -15.1980



70.4710, -67.5340, -9.5660



69.6170, -78.9080, 9.3480

Sweetspot

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



59.2120, 76.5170, 28.4930



160.4770, 29.7540, 11.4340



72.4940, 33.3660, 67.1420



77.9700, 17.8800, 6.3600



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.



59.2120, 76.5170, 28.4930



59.1740, 115.2110, 43.1070



94.6770, 60.7050, -4.3430



69.0930, 4.1720, 1.4840



41.6040, 81.2850, 30.1890



2.9900, 5.9600, 2.1200

Inverse Universe

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



59.2120, 76.5170, 28.4930



59.1740, 115.2110, 43.1070



75.3230, -60.7050, 4.3430



69.0930, 4.1720, 1.4840



41.6040, 81.2850, 30.1890



2.9900, 5.9600, 2.1200

Previews

White Background



This preview shows how the YIQ color 59.2120, 76.5170, 28.4930 looks on a white background.

Color Contrast Check

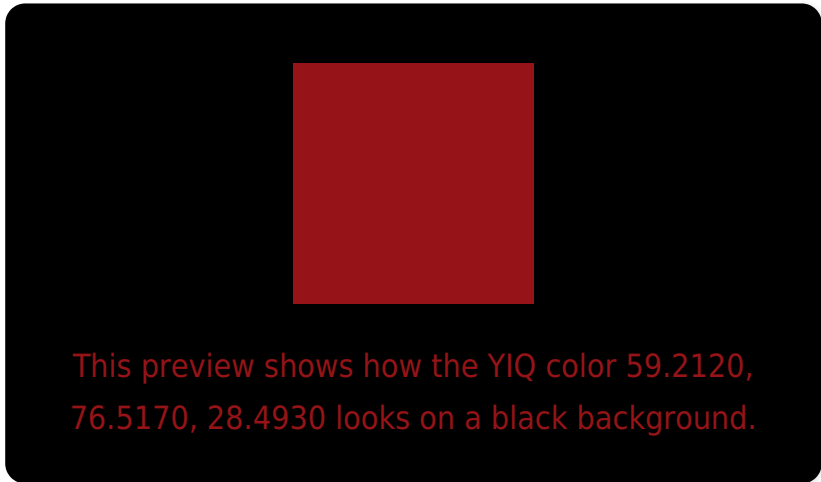
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.2120, 76.5170, 28.4930

Background



This preview shows how black text looks on a background with the YIQ color 59.2120, 76.5170, 28.4930.



This preview shows how white text looks on a background with the YIQ color 59.2120, 76.5170,

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

59.2120, 76.5170, 28.4930

Protanopia

74.7180, 17.9290, -11.0550

Deuteranopia

72.1530, 38.3330, -17.4030



Tritanopia

59.2290, 77.8470, 26.4150

Trichromacy



Original Color

59.2120, 76.5170, 28.4930

Protanomaly

68.9970, 39.6130, 3.4610

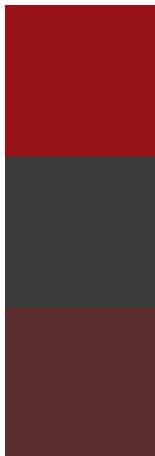
Deuteranomaly

67.5930, 52.3140, -0.9500

Tritanomaly

59.4570, 77.2050, 27.0370

Monochromacy



Original Color

59.2120, 76.5170, 28.4930

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.1670, 27.6910, 10.2750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.2120, 76.5170, 28.4930 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(150, 20, 23)` looks like.

```
.text, #text, p{  
    color:rgb(150, 20, 23)  
}
```

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(150, 20, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 20, 23) }
```

Border

The CSS property to change the border of an element to YIQ 59.2120, 76.5170, 28.4930 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(150, 20, 23) }
```


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

```
.border{ border-color:rgb(150, 20, 23) }
```

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

Here you see how a box with a 4 pixel rgb(150, 20, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 20, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 20, 23);  
box-shadow:4px 4px 4px 4px rgb(150, 20,  
23) }
```

Background

The CSS property to change the background color of an element to YIQ 59.2120, 76.5170, 28.4930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 20, 23) }
```

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

```
.background{ background-color: rgb(150, 20,  
23) }
```

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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