

Converting Colors

YIQ(52.0220, 73.9960, 24.6200)

Have a look what the booklet for
YIQ(52.0220, 73.9960, 24.6200)
contains.

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Color

**YIQ(52.0220, 73.9960,
24.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	8A100C
RGB	138, 16, 12
RGB Percent	54%, 6%, 5%
CMY	0.4585, 0.9374, 0.9526
CMYK	0.00, 0.88, 0.91, 0.46
HSL	2°, 84%, 29%
HSV	2°, 91%, 54%
XYZ	10.7447, 5.8053, 0.9045
YIQ	52.0220, 73.9960, 24.6200

Conversions

Conversions Part 2

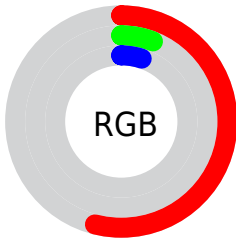
Format	Color
R_{YB}	138, 16, 12
Decimal	9048076
CIE Lab	28.92, 48.16, 36.92
CIE LCh	29, 60.682, 37.473
Yxy	5.8053, 0.6156, 0.3326
Android (android.graphics.Color)	4287238156 (0xFF8A100C)
YUV	52.0220, -19.7308, 75.4027
Hunter-Lab	24.0943, 37.4364, 14.6403

Details

The YIQ color **52.0220, 73.9960, 24.6200** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **97.9780, -73.9960, -24.6200**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **109.9100, 80.0030, 20.3790**, and **23.6210, 47.0840, 16.7480** is the 20% darker color. If you saturate the color by 10%, you get **43.6100, 81.1480, 27.1640**, and if you desaturate by 10%, it is **61.2490, 65.9270, 22.1750**.

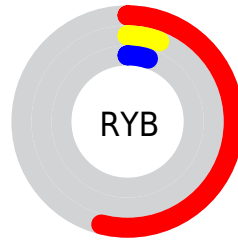
Distribution



Red (54%)

Green (6%)

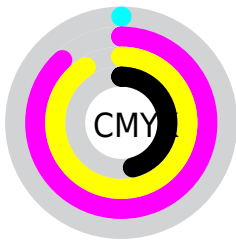
Blue (5%)



Red (54%)

Yellow (6%)

Blue (5%)

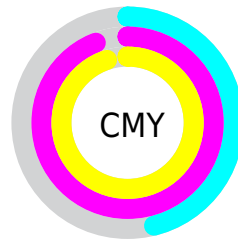


Cyan (0%)

Magenta (88%)

Yellow (91%)

Black (46%)



Cyan (46%)


Magenta (94%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 52.0220, 73.9960, 24.6200 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 52.0220, 73.9960, 24.6200 by changing the saturation by 10% instead.


 52.0220, 73.9960,
24.6200


 52.0220, 73.9960,
24.6200


 253.1760, 5.1360,
-4.9760

 32.2920, 64.3680,
22.8960


 109.9100, 80.0030,
20.3790


 23.6210, 47.0840,
16.7480

 137.7640, 83.3500,
20.2940


 16.0750, 30.9460,
11.8580

 163.8240, 83.1210,
18.9370

 0.2990, 0.5960,
0.2120

 182.6370, 67.3500,
12.9020

 0.0000, 0.0000,
0.0000

 202.0370, 51.3040,
6.3440

 222.1380, 34.6620,

-0.4260

■ 242.3530, 17.6990,
-6.8850

■ 52.0220, 73.9960,
24.6200

■ 52.0220, 73.9960,
24.6200

■ 43.6100, 81.1480,
27.1640

■ 61.2490, 65.9270,
22.1750

■ 71.0630, 57.5830,
19.2070

■ 80.1760, 49.8350,
16.4510

■ 89.4030, 41.7660,
14.0060

■ 99.2170, 33.4220,
11.0380

■ 108.4440, 25.3530,
8.5930

■ 118.2580, 17.0090,
5.6250

■ 127.4850, 8.9400,
3.1800

■ 136.5980, 1.1920,
0.4240

Harmonies

Analogous

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



50.6790, 68.6730, 49.5130



52.0220, 73.9960, 24.6200



64.0120, 52.4520, -3.4520

Triad

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



52.0220, 73.9960, 24.6200



53.2010, -32.6840, -35.4360



60.2590, -71.8480, 13.5600

Complementary

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



52.0220, 73.9960, 24.6200



97.9780, -73.9960, -24.6200

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.



66.5050, -72.9010, 5.1070



52.0220, 73.9960, 24.6200



60.0750, -49.2840, -20.9320

Square

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



52.0220, 73.9960, 24.6200



51.4450, -13.0600, -38.6600



65.3190, -64.0500, -6.6260



68.2130, -12.3400, 36.4280

Rectangle

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



52.0220, 73.9960, 24.6200



64.4670, 34.5730, -15.3390



65.3190, -64.0500, -6.6260



63.3080, -73.5440, 11.2560

Sweetspot

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



52.0220, 73.9960, 24.6200



145.8250, 28.6540, 9.3420



63.8100, 35.2920, 65.2760



69.9590, 16.4130, 5.4130



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



52.0220, 73.9960, 24.6200



57.0430, 105.0340, 34.8100



87.8290, 57.2210, -7.2830



64.0930, 4.1720, 1.4840



42.1150, 78.1680, 26.1040



1.4950, 2.9800, 1.0600

Inverse Universe

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



97.9780, -73.9960, -24.6200



121.9570, -105.0340, -34.8100



62.1710, -57.2210, 7.2830



66.9070, -4.1720, -1.4840



90.8850, -78.1680, -26.1040



3.5050, -2.9800, -1.0600

Previews

White Background



This preview shows how the YIQ color 52.0220, 73.9960, 24.6200 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 52.0220, 73.9960, 24.6200

Background



This preview shows how black text looks on a background with the YIQ color 52.0220, 73.9960, 24.6200.



This preview shows how white text looks on a background with the YIQ color 52.0220, 73.9960,

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

52.0220, 73.9960, 24.6200

Protanopia

68.0340, 19.8550, -12.9210

Deuteranopia

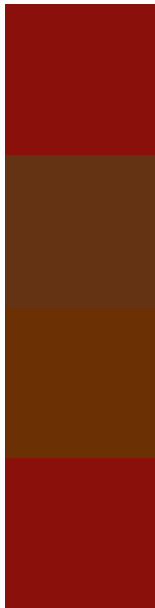
65.9400, 34.6190, -16.1730



Tritanopia

52.0220, 73.9960, 24.6200

Trichromacy



Original Color

52.0220, 73.9960, 24.6200

Protanomaly

62.1170, 39.1550, 0.7470

Deuteranomaly

60.6250, 49.2880, -1.1760

Tritanomaly

52.0220, 73.9960, 24.6200

Monochromacy



Original Color

52.0220, 73.9960, 24.6200

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

51.9280, 26.8660, 8.7060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.0220, 73.9960, 24.6200 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(138, 16, 12)` looks like.

```
.text, #text, p{  
    color:rgb(138, 16, 12)  
}
```

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(138, 16, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 16, 12) }
```

Border

The CSS property to change the border of an element to YIQ 52.0220, 73.9960, 24.6200 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(138, 16, 12) }
```


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

```
.border{ border-color:rgb(138, 16, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 16, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 16, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 16, 12);  
box-shadow:4px 4px 4px 4px rgb(138, 16,  
12) }
```

Background

The CSS property to change the background color of an element to YIQ 52.0220, 73.9960, 24.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 16, 12) }
```

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

```
.background{ background-color: rgb(138, 16,  
12) }
```

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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