

Converting Colors

YIQ(74.9210, 63.1340, 1.1980)

Have a look what the booklet for
YIQ(74.9210, 63.1340, 1.1980)
contains.

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Color

**YIQ(74.9210, 63.1340,
1.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	883907
RGB	136, 57, 7
RGB Percent	53%, 22%, 3%
CMY	0.4665, 0.7766, 0.9723
CMYK	0.00, 0.58, 0.95, 0.47
HSL	23°, 90%, 28%
HSV	23°, 95%, 53%
XYZ	11.6601, 8.1761, 1.1667
YIQ	74.9210, 63.1340, 1.1980

Conversions

Conversions Part 2

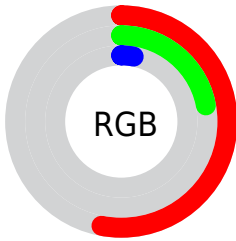
Format	Color
R_{YB}	136, 89, 7
Decimal	8927495
CIE Lab	34.35, 31.43, 42.71
CIE LCh	34, 53.030, 53.653
Yxy	8.1761, 0.5552, 0.3893
Android (android.graphics.Color)	4287117575 (0xFF883907)
YUV	74.9210, -33.4851, 53.5663
Hunter-Lab	28.5938, 22.7502, 17.5964

Details

The YIQ color **74.9210, 63.1340, 1.1980** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **68.0790, -63.1340, -1.1980**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.9110, 69.0940, 3.3180**, and **27.7300, 45.1590, 13.0870** is the 20% darker color. If you saturate the color by 10%, you get **71.7750, 66.4810, 1.1130**, and if you desaturate by 10%, it is **81.2130, 56.4400, 1.3680**.

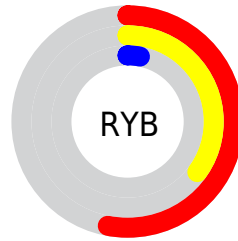
Distribution



Red (53%)

Green (22%)

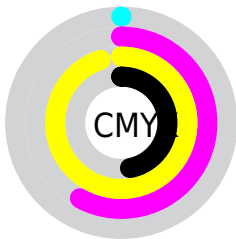
Blue (3%)



Red (53%)

Yellow (35%)

Blue (3%)

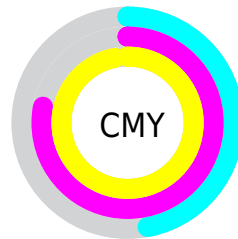


Cyan (0%)

Magenta (58%)

Yellow (95%)

Black (47%)



Cyan (47%)

Magenta (78%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.9210, 63.1340, 1.1980 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 74.9210, 63.1340, 1.1980 by changing the saturation by 10% instead.

■ 74.9210, 63.1340,
1.1980

■ 74.9210, 63.1340,
1.1980

■ 253.5180, 4.1730,
-4.0430

■ 51.6630, 55.2930,
5.6370

■ 126.9110, 69.0940,
3.3180

■ 27.7300, 45.1590,
13.0870

■ 154.2920, 72.3950,
4.0670

■ 15.5480, 30.9920,
11.0240

■ 181.6620, 74.2290,
3.8690

■ 5.0830, 10.1320,
3.6040

■ 200.3610, 58.7790,
-2.4770

■ 0.0000, 0.0000,
0.0000

■ 219.8750, 42.4120,
-8.7240

■ 239.9760, 25.7700,

-15.4940

■ 250.2120, 13.4820,
-13.0620

■ 74.9210, 63.1340,
1.1980

■ 74.9210, 63.1340,
1.1980

■ 71.7750, 66.4810,
1.1130

■ 81.2130, 56.4400,
1.3680

■ 87.9780, 49.7920,
0.7040

■ 94.2700, 43.0980,
0.8740

■ 100.4480, 36.7250,
0.7330

■ 107.3270, 29.7560,
0.3800

■ 113.6190, 23.0620,
0.5500

■ 119.7970, 16.6890,
0.4090

■ 126.6760, 9.7200,
0.0560

■ 132.9680, 3.0260,
0.2260

Harmonies

Analogous

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



71.9920, 65.5130, 29.6810



74.9210, 63.1340, 1.1980



76.3060, 42.2760, -17.2760

Triad

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



74.9210, 63.1340, 1.1980



66.0930, -49.6950, -30.0070



78.3080, -38.0130, 22.6190

Complementary

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



74.9210, 63.1340, 1.1980



68.0790, -63.1340, -1.1980

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.



71.0530, -77.4400, 4.7680



74.9210, 63.1340, 1.1980



71.1090, -63.8190, -16.3230

Square

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



74.9210, 63.1340, 1.1980



58.6150, -34.1500, -41.9100



73.9250, -74.5040, -4.3920



81.3490, 16.6360, 39.9320

Rectangle

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



74.9210, 63.1340, 1.1980



74.1140, 24.9010, -27.2830



73.9250, -74.5040, -4.3920



65.6560, -74.6440, 9.1640

Sweetspot

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



74.9210, 63.1340, 1.1980



152.8040, 23.9790, 0.4510



54.6910, 51.2040, 52.2280



75.0140, 14.5800, 0.0840



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.



74.9210, 63.1340, 1.1980



92.5400, 86.1960, 1.7480



112.4890, 45.5340, -32.2740



65.8540, 3.3470, -0.0850



69.7040, 65.2430, 1.5230



2.6690, 2.4300, 0.0140

Inverse Universe

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



68.0790, -63.1340, -1.1980



83.4600, -86.1960, -1.7480



30.5110, -45.5340, 32.2740



65.1460, -3.3470, 0.0850



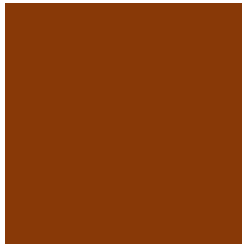
62.7090, -64.9680, -1.0000



2.3310, -2.4300, -0.0140

Previews

White Background



This preview shows how the YIQ color 74.9210, 63.1340, 1.1980 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

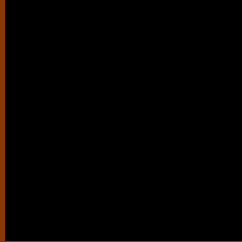
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.9210, 63.1340, 1.1980

Background



This preview shows how black text looks on a background with the YIQ color 74.9210, 63.1340, 1.1980.



This preview shows how white text looks on a background with the YIQ color 74.9210, 63.1340,

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

74.9210, 63.1340, 1.1980

Protanopia

77.3520, 27.4670, -18.7170

Deuteranopia

76.5830, 39.9380, -18.9580



Tritanopia

78.4580, 49.1010, 18.7410

Trichromacy



Original Color

74.9210, 63.1340, 1.1980

Protanomaly

76.5110, 40.4410, -11.5510

Deuteranomaly

75.8170, 48.3270, -11.2970

Tritanomaly

76.9930, 54.6040, 12.6200

Monochromacy



Original Color

74.9210, 63.1340, 1.1980

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.6190, 23.0620, 0.5500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.9210, 63.1340, 1.1980 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(136, 57, 7)` looks like.

```
.text, #text, p{  
    color:rgb(136, 57, 7)  
}
```

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(136, 57, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 57, 7) }
```

Border

The CSS property to change the border of an element to YIQ 74.9210, 63.1340, 1.1980 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(136, 57, 7) }
```


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

```
.border{ border-color:rgb(136, 57, 7) }
```

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

Here you see how a box with a 4 pixel rgb(136, 57, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 57, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 57, 7);  
box-shadow:4px 4px 4px 4px rgb(136, 57, 7)  
}
```

Background

The CSS property to change the background color of an element to YIQ 74.9210, 63.1340, 1.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 57, 7) }
```

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

```
.background{ background-color: rgb(136, 57,  
7) }
```

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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