

Converting Colors

YIQ(76.9800, 11.9200, 4.2400)

Have a look what the booklet for
YIQ(76.9800, 11.9200, 4.2400)
contains.

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Color

**YIQ(76.9800, 11.9200,
4.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	5B4747
RGB	91, 71, 71
RGB Percent	36%, 28%, 28%
CMY	0.6431, 0.7216, 0.7215
CMYK	0.00, 0.22, 0.22, 0.64
HSL	360°, 12%, 32%
HSV	360°, 22%, 36%
XYZ	7.7060, 7.1853, 6.9440
YIQ	76.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

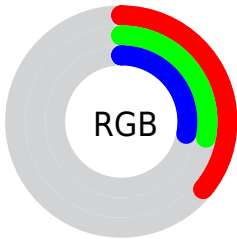
Format	Color
RYB	91, 71, 71
Decimal	5982023
CIELab	32.22, 8.54, 3.24
CIElCh	32, 9.133, 20.782
Yxy	7.1853, 0.3529, 0.3291
Android (android.graphics.Color)	4284172103 (0xFF5B4747)
YUV	76.9800, -2.9481, 12.2955
Hunter-Lab	26.8053, 4.4059, 3.4045

Details

The YIQ color **76.9800, 11.9200, 4.2400** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **85.0200, -11.9200, -4.2400**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.8770, 13.7080, 4.8760**, and **33.0830, 10.1320, 3.6040** is the 20% darker color. If you saturate the color by 10%, you get **70.6710, 17.2840, 6.1480**, and if you desaturate by 10%, it is **83.2890, 6.5560, 2.3320**.

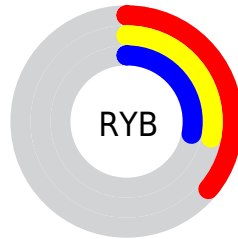
Distribution



 Red (36%)

 Green (28%)

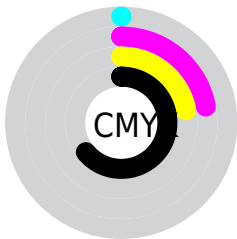
 Blue (28%)



 Red (36%)

 Yellow (28%)

 Blue (28%)

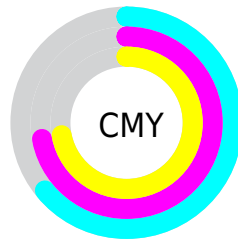


 Cyan (0%)

 Magenta (22%)

 Yellow (22%)

 Black (64%)



 Cyan (64%)

 Magenta (72%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.9800, 11.9200, 4.2400 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 76.9800, 11.9200, 4.2400 by changing the saturation by 10% instead.

■ 76.9800, 11.9200,
4.2400

■ 76.9800, 11.9200,
4.2400

■ 255.0000, -0.0000,
-0.0000

■ 54.3820, 10.7280,
3.8160

■ 125.8770, 13.7080,
4.8760

■ 33.0830, 10.1320,
3.6040

■ 151.8770, 13.7080,
4.8760

■ 8.4750, 14.9000,
5.3000

■ 178.7630, 14.0290,
4.5650

■ 0.0000, 0.0000,
0.0000

■ 206.1760, 14.3040,
5.0880

■ 234.4750, 14.9000,
5.3000

■ 76.9800, 11.9200,
4.2400

■ 76.9800, 11.9200,
4.2400

■ 70.6710, 17.2840,
6.1480

■ 83.2890, 6.5560,
2.3320

■ 64.3620, 22.6480,
8.0560

■ 89.5980, 1.1920,
0.4240

■ 58.0530, 28.0120,
9.9640

■ 95.9070, -4.1720,
-1.4840

■ 51.7440, 33.3760,
11.8720

■ 102.2160, -9.5360,
-3.3920

■ 44.8480, 39.0150,
14.3030

■ 109.1120,
-15.1750, -5.8230

■ 38.4250, 44.7000,
15.9000

■ 115.5350,
-20.8600, -7.4200

■ 32.1160, 50.0640,
17.8080

■ 121.8440,
-26.2240, -9.3280

■ 27.2090, 54.2360,

■ 128.1530,

19.2920

-31.5880, -11.2360

■ 134.4620,
-36.9520, -13.1440

Harmonies

Analogous

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



77.1800, 8.4810, 5.9930



76.9800, 11.9200, 4.2400



76.2850, 12.3790, 1.4270

Triad

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



76.9800, 11.9200, 4.2400



74.3430, -2.7040, -6.0640



74.8940, -11.3250, 1.4990

Complementary

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



76.9800, 11.9200, 4.2400



85.0200, -11.9200, -4.2400

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.



73.9320, -14.4880, -1.7520



76.9800, 11.9200, 4.2400



73.5210, -9.0770, -6.2050

Square

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



76.9800, 11.9200, 4.2400



74.9910, 4.2190, -4.8770



73.2370, -14.0290, -4.5650



76.2970, -5.0900, 4.1420

Rectangle

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



76.9800, 11.9200, 4.2400



76.2200, 11.0040, -1.1880



73.2370, -14.0290, -4.5650



74.7690, -12.4710, 0.2410

Sweetspot

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



76.9800, 11.9200, 4.2400



111.3920, 4.7680, 1.6960



79.2600, 5.5000, 10.4600



55.4950, 2.9800, 1.0600



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



76.9800, 11.9200, 4.2400



95.9700, 17.8800, 6.3600



82.8500, 9.1700, -0.9900



42.4950, 2.9800, 1.0600



32.8900, 65.5600, 23.3200



70.8630, 141.2520, 50.2440

Inverse Universe

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



76.9800, 11.9200, 4.2400



95.9700, 17.8800, 6.3600



79.1500, -9.1700, 0.9900



42.4950, 2.9800, 1.0600



32.8900, 65.5600, 23.3200



70.8630, 141.2520, 50.2440

Previews

White Background



This preview shows how the YIQ color 76.9800, 11.9200, 4.2400 looks on a white background.

Color Contrast Check

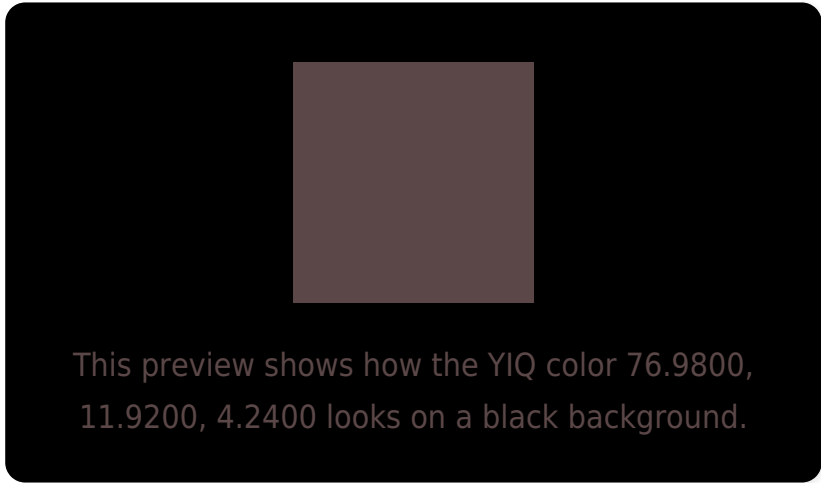
Large Text (above 18pt) WCAG AA ✓ Pass

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

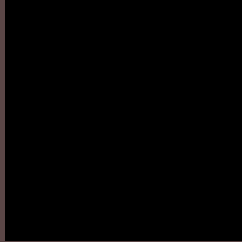
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.9800, 11.9200, 4.2400

Background



This preview shows how black text looks on a background with the YIQ color 76.9800, 11.9200, 4.2400.



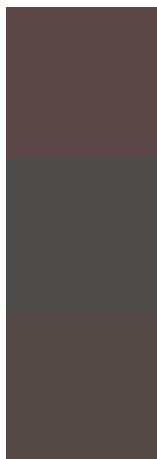
This preview shows how white text looks on a background with the YIQ color 76.9800, 11.9200,

4.2400.

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

76.9800, 11.9200, 4.2400

Protanopia

76.3700, 1.8340, -0.1980

Deuteranopia

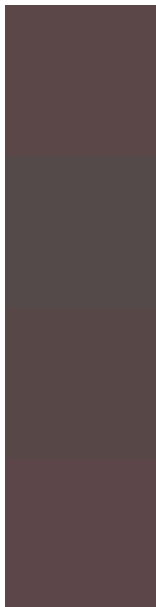
76.3600, 7.7940, 1.9220



Tritanopia

77.2620, 11.1860, 6.5300

Trichromacy



Original Color

76.9800, 11.9200, 4.2400

Protanomaly

76.5770, 5.6850, 1.5970

Deuteranomaly

76.3710, 9.2610, 2.8690

Tritanomaly

77.0340, 11.8280, 5.9080

Monochromacy



Original Color

76.9800, 11.9200, 4.2400

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.0930, 4.1720, 1.4840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.9800, 11.9200, 4.2400 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(91, 71, 71)` looks like.

```
.text, #text, p{  
    color:rgb(91, 71, 71)  
}
```

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(91, 71, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 71, 71) }
```

Border

The CSS property to change the border of an element to YIQ 76.9800, 11.9200, 4.2400 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(91, 71, 71) }
```


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

```
.border{ border-color:rgb(91, 71, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 71, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 71, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 71, 71);  
box-shadow:4px 4px 4px 4px rgb(91, 71, 71)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.9800, 11.9200, 4.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 71, 71) }
```

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

```
.background{ background-color: rgb(91, 71,  
71) }
```

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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