

Converting Colors

YIQ(57.1710, 57.3990, 22.5430)

Have a look what the booklet for
YIQ(57.1710, 57.3990, 22.5430)
contains.

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Color

**YIQ(57.1710, 57.3990,
22.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	7E1B20
RGB	126, 27, 32
RGB Percent	49%, 11%, 13%
CMY	0.5056, 0.8943, 0.8743
CMYK	0.00, 0.79, 0.75, 0.51
HSL	357°, 65%, 30%
HSV	357°, 79%, 49%
XYZ	9.2656, 5.3268, 1.9104
YIQ	57.1710, 57.3990, 22.5430

Conversions

Conversions Part 2

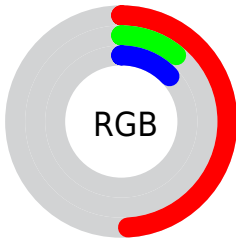
Format	Color
R_{YB}	126, 27, 32
Decimal	8264480
CIE _{Lab}	27.65, 41.99, 23.28
CIE _{LCh}	28, 48.010, 29.009
Yxy	5.3268, 0.5615, 0.3228
Android (android.graphics.Color)	4286454560 (0xFF7E1B20)
YUV	57.1710, -12.4093, 60.3630
Hunter-Lab	23.0799, 31.2707, 11.2483

Details

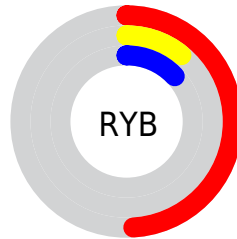
The YIQ color **57.1710, 57.3990, 22.5430** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **95.8290, -57.3990, -22.5430**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.6400, 63.2680, 20.8040**, and **20.6310, 41.1240, 14.6280** is the 20% darker color. If you saturate the color by 10%, you get **48.1720, 64.8260, 25.6100**, and if you desaturate by 10%, it is **66.1700, 49.9720, 19.4760**.

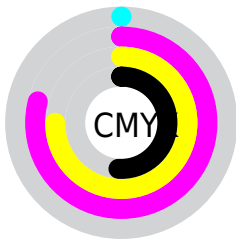
Distribution



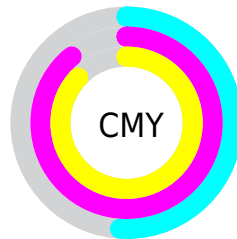
- Red (49%)
- Green (11%)
- Blue (13%)



- Red (49%)
- Yellow (11%)
- Blue (13%)



- Cyan (0%)
- Magenta (79%)
- Yellow (75%)
- Black (51%)



- Cyan (51%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.1710, 57.3990, 22.5430 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 57.1710, 57.3990, 22.5430 by changing the saturation by 10% instead.

■ 57.1710, 57.3990,
22.5430

■ 57.1710, 57.3990,
22.5430

■ 255.0000, -0.0000,
-0.0000

■ 30.4420, 55.1980,
23.8860

■ 110.6400, 63.2680,
20.8040

■ 20.9300, 41.7200,
14.8400

■ 137.6080, 66.2940,
21.0300

■ 13.2700, 25.9030,
9.6390

■ 165.5760, 69.3200,
21.2560

■ 0.0000, 0.0000,
0.0000

■ 187.3790, 59.5090,
17.3410

■ 206.3060, 43.4170,
11.6170

■ 226.4070, 26.7750,

4.8470

■ 246.6220, 9.8120,
-1.6120

■ 57.1710, 57.3990,
22.5430

■ 57.1710, 57.3990,
22.5430

■ 48.1720, 64.8260,
25.6100

■ 66.1700, 49.9720,
19.4760

■ 39.7600, 71.9780,
28.1540

■ 74.5820, 42.8200,
16.9320

■ 38.3580, 73.1700,
28.5780

■ 83.5810, 35.3930,
13.8650

■ 91.9930, 28.2410,
11.3210

■ 100.9920, 20.8140,
8.2540

■ 109.9910, 13.3870,
5.1870

■ 118.4030, 6.2350,
2.6430

■ 127.4020, -1.1920,
-0.4240

■ 135.8140, -8.3440,
-2.9680

Harmonies

Analogous

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



55.7040, 49.1890, 39.1810



57.1710, 57.3990, 22.5430



60.7670, 51.7640, -1.9960

Triad

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



57.1710, 57.3990, 22.5430



49.1090, -29.4290, -33.8530



57.0500, -64.1900, 6.9300

Complementary

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



57.1710, 57.3990, 22.5430



95.8290, -57.3990, -22.5430

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.



60.4920, -62.8590, -0.6750



57.1710, 57.3990, 22.5430



54.7290, -42.4980, -22.7700

Square

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



57.1710, 57.3990, 22.5430



56.3060, 6.7450, -28.6390



58.9470, -54.3750, -11.2630



64.7350, -23.1580, 23.2260

Rectangle

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



57.1710, 57.3990, 22.5430



62.1410, 38.6070, -11.3530



58.9470, -54.3750, -11.2630



59.1700, -64.6480, 4.2160

Sweetspot

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



57.1710, 57.3990, 22.5430



135.8890, 22.6020, 8.8900



65.7940, 23.0530, 50.2930



65.2900, 13.9830, 5.3990



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



57.1710, 57.3990, 22.5430



56.6590, 88.6200, 34.9240



81.8420, 47.1790, -1.5010



59.2070, 3.8510, 1.7950



39.0700, 74.0410, 29.3130



0.0000, 0.0000, 0.0000

Inverse Universe

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



57.1710, 57.3990, 22.5430



56.6590, 88.6200, 34.9240



71.1580, -47.1790, 1.5010



59.2070, 3.8510, 1.7950



39.0700, 74.0410, 29.3130



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 57.1710, 57.3990, 22.5430 looks on a white background.

Color Contrast Check

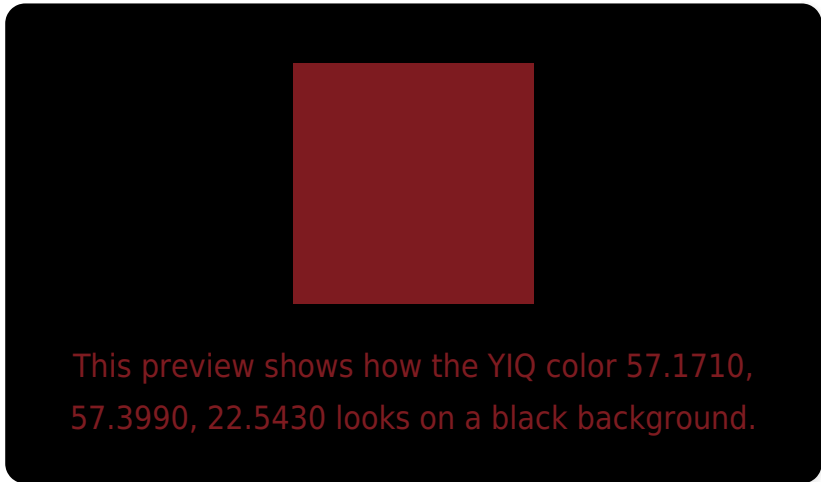
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.1710, 57.3990, 22.5430

Background



This preview shows how black text looks on a background with the YIQ color 57.1710, 57.3990, 22.5430.



This preview shows how white text looks on a background with the YIQ color 57.1710, 57.3990,

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

57.1710, 57.3990, 22.5430

Protanopia

66.2860, 10.6380, -5.5700

Deuteranopia

65.6480, 24.1180, -7.5780



Tritanopia

57.3020, 58.4080, 20.7760

Trichromacy



Original Color

57.1710, 57.3990, 22.5430

Protanomaly

62.5920, 27.6920, 4.7480

Deuteranomaly

62.7300, 35.9910, 3.0230

Tritanomaly

57.4160, 58.0870, 21.0870

Monochromacy



Original Color

57.1710, 57.3990, 22.5430

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9920, 20.8140, 8.2540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.1710, 57.3990, 22.5430 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(126, 27, 32)` looks like.

```
.text, #text, p{  
    color:rgb(126, 27, 32)  
}
```

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(126, 27, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 27, 32) }
```

Border

The CSS property to change the border of an element to YIQ 57.1710, 57.3990, 22.5430 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(126, 27, 32) }
```


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

```
.border{ border-color:rgb(126, 27, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 27, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 27, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 27, 32);  
box-shadow:4px 4px 4px 4px rgb(126, 27,  
32) }
```

Background

The CSS property to change the background color of an element to YIQ 57.1710, 57.3990, 22.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 27, 32) }
```

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

```
.background{ background-color: rgb(126, 27,  
32) }
```

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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