

Converting Colors

YIQ(35.5510, 53.2730, 20.2250)

Have a look what the booklet for
YIQ(35.5510, 53.2730, 20.2250)
contains.

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Color

**YIQ(35.5510, 53.2730,
20.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	63080B
RGB	99, 8, 11
RGB Percent	39%, 3%, 4%
CMY	0.6115, 0.9687, 0.9567
CMYK	0.00, 0.92, 0.89, 0.61
HSL	358°, 85%, 21%
HSV	358°, 92%, 39%
XYZ	5.2988, 2.8529, 0.5896
YIQ	35.5510, 53.2730, 20.2250

Conversions

Conversions Part 2

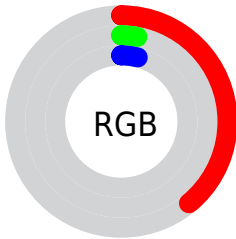
Format	Color
R_{YB}	99, 8, 11
Decimal	6490123
CIE _{Lab}	19.44, 38.23, 25.09
CIE _{LCh}	19, 45.727, 33.281
Yxy	2.8529, 0.6062, 0.3264
Android (android.graphics.Color)	4284680203 (0xFF63080B)
YUV	35.5510, -12.1036, 55.6448
Hunter-Lab	16.8906, 26.4395, 9.7537

Details

The YIQ color **35.5510, 53.2730, 20.2250** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **71.4490, -53.2730, -20.2250**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **89.7810, 58.3170, 16.9170**, and **14.2810, 27.3700, 10.5860** is the 20% darker color. If you saturate the color by 10%, you get **29.9430, 58.0410, 21.9210**, and if you desaturate by 10%, it is **42.5610, 47.3130, 18.1050**.

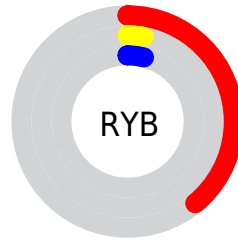
Distribution



Red (39%)

Green (3%)

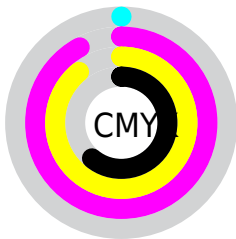
Blue (4%)



Red (39%)

Yellow (3%)

Blue (4%)

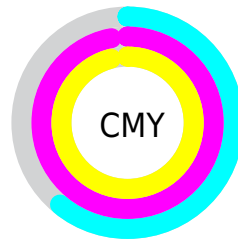


Cyan (0%)

Magenta (92%)

Yellow (89%)

Black (61%)



Cyan (61%)


Magenta (97%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 35.5510, 53.2730, 20.2250 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 35.5510, 53.2730, 20.2250 by changing the saturation by 10% instead.


 35.5510, 53.2730,
20.2250

 35.5510, 53.2730,
20.2250

 251.5460, 6.9700,
-5.1740


 21.2290, 42.3160,
15.0520


 89.7810, 58.3170,
16.9170


 14.2810, 27.3700,
10.5860

 115.7490, 61.3430,
17.1430

 0.0000, 0.0000,
0.0000


 142.7170, 64.3690,
17.3690


 170.3860, 66.7990,
17.3830


 192.1890, 56.9880,
13.4680


 211.7030, 40.6210,


7.2210


 231.3310, 23.9330,
1.2850


 35.5510, 53.2730,
20.2250


 35.5510, 53.2730,
20.2250


 29.9430, 58.0410,
21.9210

 42.5610, 47.3130,
18.1050

 49.4570, 41.6740,
15.6740

 56.4670, 35.7140,
13.5540

 63.3630, 30.0750,
11.1230

 69.7860, 24.3900,
9.5260

■ 76.6820, 18.7510,
7.0950

■ 83.6920, 12.7910,
4.9750

■ 90.7020, 6.8310,
2.8550

■ 97.5980, 1.1920,
0.4240

Harmonies

Analogous

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



35.9270, 46.9430, 35.8310



35.5510, 53.2730, 20.2250



43.8890, 39.7970, 0.1250

Triad

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



35.5510, 53.2730, 20.2250



36.2290, -20.7190, -26.5030



43.0470, -50.9400, 9.0920

Complementary

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



35.5510, 53.2730, 20.2250



71.4490, -53.2730, -20.2250

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.



46.2440, -50.2970, 2.9430



35.5510, 53.2730, 20.2250



40.9200, -32.5500, -15.8300

Square

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



35.5510, 53.2730, 20.2250



38.5640, -2.6090, -24.3130



45.2690, -43.4180, -6.0900



47.0410, -15.2720, 23.4800

Rectangle

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



35.5510, 53.2730, 20.2250



44.6760, 26.9150, -8.7090



45.2690, -43.4180, -6.0900



44.6940, -51.4440, 7.2120

Sweetspot

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



35.5510, 53.2730, 20.2250



102.8780, 21.1350, 7.9430



44.3870, 22.6410, 46.7450



48.6920, 12.7910, 4.9750



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



35.5510, 53.2730, 20.2250



38.7280, 75.0040, 28.3800



59.2760, 42.9610, -2.1510



45.1960, 2.3840, 0.8480



33.9440, 65.4680, 24.9880



72.6720, 140.4720, 53.3680

Inverse Universe

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



35.5510, 53.2730, 20.2250



38.7280, 75.0040, 28.3800



47.7240, -42.9610, 2.1510



45.1960, 2.3840, 0.8480



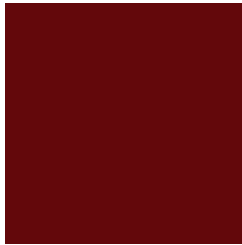
33.9440, 65.4680, 24.9880



72.6720, 140.4720, 53.3680

Previews

White Background



This preview shows how the YIQ color 35.5510, 53.2730, 20.2250 looks on a white background.

Color Contrast Check

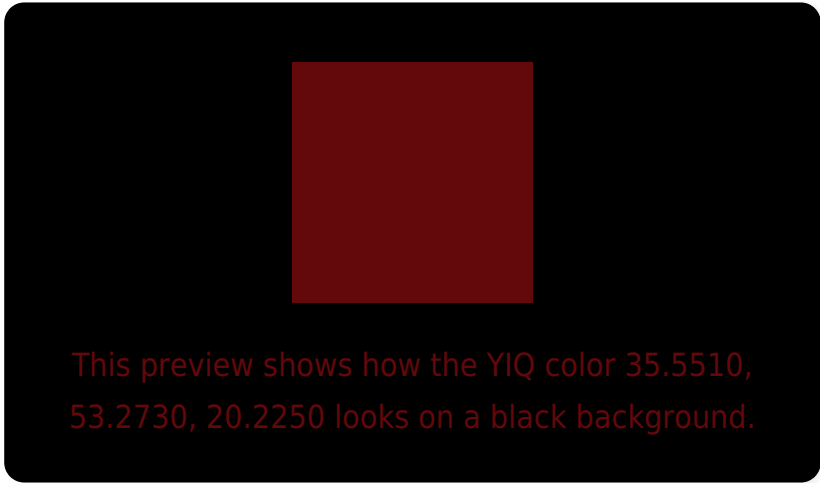
Large Text (above 18pt) WCAG AA ✓ Pass

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

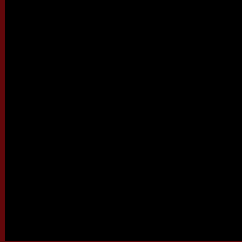
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.5510, 53.2730, 20.2250

Background



This preview shows how black text looks on a background with the YIQ color 35.5510, 53.2730, 20.2250.

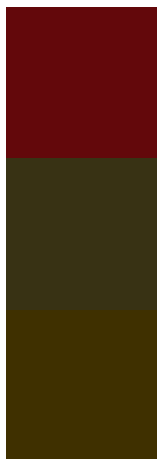


This preview shows how white text looks on a background with the YIQ color 35.5510, 53.2730,

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

35.5510, 53.2730, 20.2250

Protanopia

48.3740, 13.2060, -8.0580

Deuteranopia

47.0130, 24.3480, -11.7480



Tritanopia

35.2260, 55.5660, 17.2140

Trichromacy



Original Color

35.5510, 53.2730, 20.2250

Protanomaly

44.0110, 27.8300, 2.2460

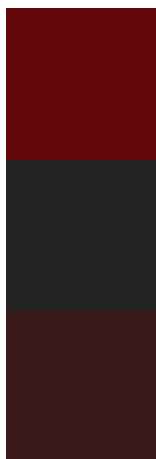
Deuteranomaly

42.5510, 34.9370, 0.0970

Tritanomaly

35.5680, 54.6030, 18.1470

Monochromacy



Original Color

35.5510, 53.2730, 20.2250

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

35.9810, 19.3470, 7.3070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.5510, 53.2730, 20.2250 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(99, 8, 11)` looks like.

```
.text, #text, p{  
    color:rgb(99, 8, 11)  
}
```

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(99, 8, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 8, 11) }
```

Border

The CSS property to change the border of an element to YIQ 35.5510, 53.2730, 20.2250 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(99, 8, 11) }
```


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

```
.border{ border-color:rgb(99, 8, 11) }
```

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

Here you see how a box with a 4 pixel rgb(99, 8, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 8, 11); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 8, 11); box-shadow:4px  
4px 4px 4px rgb(99, 8, 11) }
```

Background

The CSS property to change the background color of an element to YIQ 35.5510, 53.2730, 20.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 8, 11) }
```

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

```
.background{ background-color: rgb(99, 8,  
11) }
```

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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