

Converting Colors

YIQ(55.5210, 106.6840, 37.9480)

Have a look what the booklet for
YIQ(55.5210, 106.6840, 37.9480)
contains.

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Color

**YIQ(55.5210, 106.6840,
37.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	B50202
RGB	181, 2, 2
RGB Percent	71%, 1%, 1%
CMY	0.2898, 0.9923, 0.9917
CMYK	0.00, 0.99, 0.99, 0.29
HSL	360°, 98%, 36%
HSV	360°, 99%, 71%
XYZ	19.1140, 9.8833, 0.9608
YIQ	55.5210, 106.6840, 37.9480

Conversions

Conversions Part 2

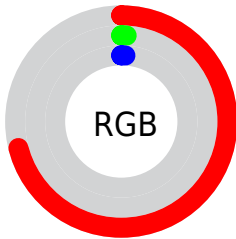
Format	Color
RYB	181, 2, 2
Decimal	11862530
CIELab	37.63, 61.76, 51.14
CIELCh	38, 80.188, 39.625
Yxy	9.8833, 0.6380, 0.3299
Android (android.graphics.Color)	4290052610 (0xFFB50202)
YUV	55.5210, -26.3859, 110.0451
Hunter-Lab	31.4377, 53.5112, 20.1944

Details

The YIQ color **55.5210, 106.6840, 37.9480** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **127.4790, -106.6840, -37.9480**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **126.3280, 108.2450, 26.1730**, and **35.2820, 70.3280, 25.0160** is the 20% darker color. If you saturate the color by 10%, you get **54.1190, 107.8760, 38.3720**, and if you desaturate by 10%, it is **68.1390, 95.9560, 34.1320**.

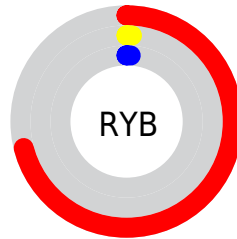
Distribution



Red (71%)

Green (1%)

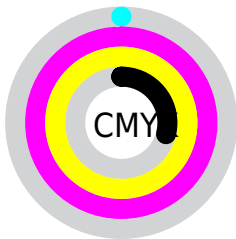
Blue (1%)



Red (71%)

Yellow (1%)

Blue (1%)

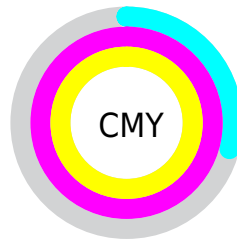


Cyan (0%)

Magenta (99%)

Yellow (99%)

Black (29%)



Cyan (29%)


Magenta (99%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 55.5210, 106.6840, 37.9480 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 55.5210, 106.6840, 37.9480 by changing the saturation by 10% instead.


 55.5210, 106.6840,
37.9480


 55.5210, 106.6840,
37.9480


 252.8340, 6.0990,
-5.9090


 44.5510, 88.8040,
31.5880


 126.3280,
108.2450, 26.1730


 35.2820, 70.3280,
25.0160


 148.8920, 97.6090,
20.6890


 26.0130, 51.8520,
18.4440

 168.0640, 82.2050,
13.5090

 17.8690, 34.5220,
13.1300

 188.0510, 65.8840,
6.4280

 5.6810, 11.3240,
4.0280

 208.0380, 49.5630,
-0.6530

 0.0000, 0.0000,
0.0000

 228.2530, 32.6000,

-7.1120

■ 248.9410, 15.6830,
-14.4050

■ 55.5210, 106.6840,
37.9480

■ 55.5210, 106.6840,
37.9480

■ 54.1190, 107.8760,
38.3720

■ 68.1390, 95.9560,
34.1320

■ 80.7570, 85.2280,
30.3160

■ 93.3750, 74.5000,
26.5000

■ 105.9930, 63.7720,
22.6840

■ 119.3120, 52.4480,
18.6560

■ 131.9300, 41.7200,
14.8400

■ 144.5480, 30.9920,
11.0240

■ 157.1660, 20.2640,
7.2080

■ 169.7840, 9.5360,
3.3920

Harmonies

Analogous

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



66.6980, 94.0250, 63.6330



55.5210, 106.6840, 37.9480



82.6730, 66.5280, -5.2480

Triad

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



55.5210, 106.6840, 37.9480



69.6030, -43.0440, -45.9240



79.0840, -95.9200, 20.3040

Complementary

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



55.5210, 106.6840, 37.9480



127.4790, -106.6840, -37.9480

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.



87.5640, -97.7520, 9.4480



55.5210, 106.6840, 37.9480



78.7570, -66.0640, -25.2000

Square

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



55.5210, 106.6840, 37.9480



61.6350, -28.8750, -54.9150



85.8250, -85.9660, -5.9180



87.7100, -11.7010, 52.3870

Rectangle

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



55.5210, 106.6840, 37.9480



83.3720, 41.9100, -21.6580



85.8250, -85.9660, -5.9180



83.3070, -98.1660, 16.9540

Sweetspot

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



55.5210, 106.6840, 37.9480



185.2290, 42.3160, 15.0520



75.0300, 47.4370, 92.9810



87.5580, 25.0320, 8.9040



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



55.5210, 106.6840, 37.9480



70.2650, 140.0600, 49.8200



106.5900, 82.7590, -7.5530



85.6910, 5.3640, 1.9080



46.6440, 92.9760, 33.0720



8.3720, 16.6880, 5.9360

Inverse Universe

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



55.5210, 106.6840, 37.9480



70.2650, 140.0600, 49.8200



76.9970, -83.0340, 7.0300



85.6910, 5.3640, 1.9080



46.6440, 92.9760, 33.0720



8.3720, 16.6880, 5.9360

Previews

White Background



This preview shows how the YIQ color 55.5210, 106.6840, 37.9480 looks on a white background.

Color Contrast Check

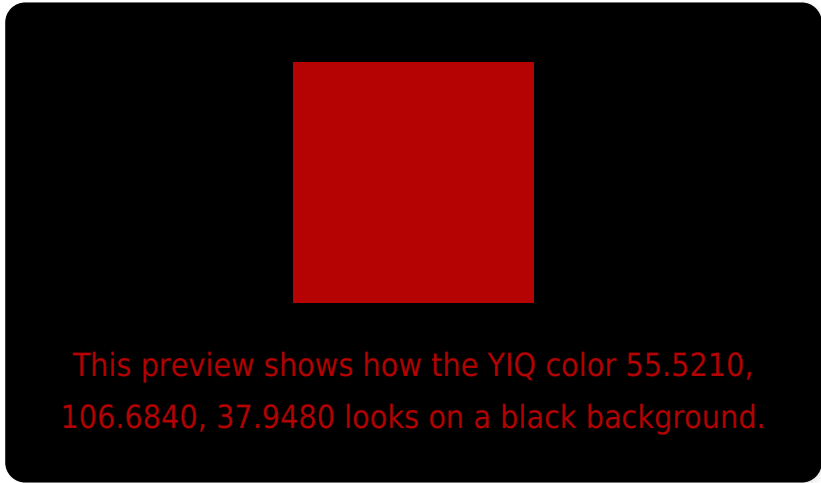
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.5210, 106.6840, 37.9480

Background



This preview shows how black text looks on a background with the YIQ color 55.5210, 106.6840, 37.9480.



This preview shows how white text looks on a background with the YIQ color 55.5210, 106.6840,

37.9480.

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

55.5210, 106.6840, 37.9480

Protanopia

87.5370, 28.3840, -18.8160

Deuteranopia

85.4540, 44.6150, -21.1210



Tritanopia

63.7990, 102.6050, 29.2690

Trichromacy



Original Color

55.5210, 106.6840, 37.9480

Protanomaly

75.6260, 56.7150, 1.8910

Deuteranomaly

74.5470, 67.1230, 0.4910

Tritanomaly

60.9780, 103.6590, 32.1950

Monochromacy



Original Color

55.5210, 106.6840, 37.9480

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.4350, 38.7400, 13.7800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.5210, 106.6840, 37.9480 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(181, 2, 2)` looks like.

```
.text, #text, p{  
    color:rgb(181, 2, 2)  
}
```

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(181, 2, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 2, 2) }
```

Border

The CSS property to change the border of an element to YIQ 55.5210, 106.6840, 37.9480 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(181, 2, 2) }
```


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

```
.border{ border-color:rgb(181, 2, 2) }
```

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

Here you see how a box with a 4 pixel rgb(181, 2, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 2, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(181, 2, 2); box-shadow:4px  
4px 4px 4px rgb(181, 2, 2) }
```

Background

The CSS property to change the background color of an element to YIQ 55.5210, 106.6840, 37.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 2, 2) }
```

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

```
.background{ background-color: rgb(181, 2,  
2) }
```

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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