

Converting Colors

YIQ(138.7950, 30.4800, 53.3600)

Have a look what the booklet for
YIQ(138.7950, 30.4800, 53.3600)
contains.

YIQ(138.7950, 30.4800, 53.3600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(138.7950, 30.4800,
53.3600)**

Conversions

Conversions Part 1

Format	Color
Hex	C960C4
RGB	201, 96, 196
RGB Percent	79%, 38%, 77%
CMY	0.2114, 0.6237, 0.2313
CMYK	0.00, 0.52, 0.03, 0.21
HSL	303°, 49%, 58%
HSV	303°, 52%, 79%
XYZ	38.2527, 24.7723, 54.9966
YIQ	138.7950, 30.4800, 53.3600

Conversions

Conversions Part 2

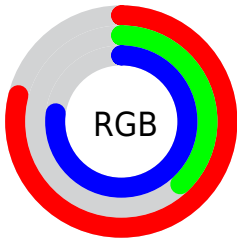
Format	Color
R _{YB}	201, 96, 196
Decimal	13197508
CIE _{Lab}	56.85, 55.14, -33.67
CIE _{LCh}	57, 64.604, 328.589
Yxy	24.7723, 0.3241, 0.2099
Android (android.graphics.Color)	4291387588 (0xFFC960C4)
YUV	138.7950, 28.2021, 54.5538
Hunter-Lab	49.7718, 50.0878, -30.6737

Details

The YIQ color **138.7950, 30.4800, 53.3600** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **158.2050, -30.4800, -53.3600**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.7240, 29.2420, 53.7700**, and **82.7240, 29.2420, 53.7700** is the 20% darker color. If you saturate the color by 10%, you get **126.9410, 36.3010, 63.5090**, and if you desaturate by 10%, it is **150.6490, 24.6590, 43.2110**.

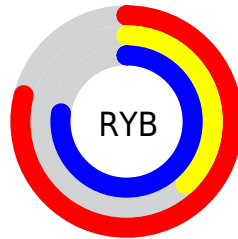
Distribution



Red (79%)

Green (38%)

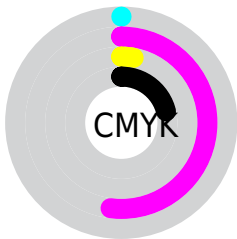
Blue (77%)



Red (79%)

Yellow (38%)

Blue (77%)

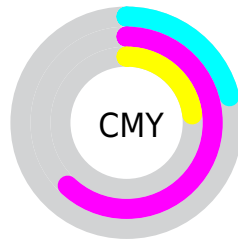


Cyan (0%)

Magenta (52%)

Yellow (3%)

Black (21%)



Cyan (21%)

Magenta (62%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.7950, 30.4800, 53.3600 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 138.7950, 30.4800, 53.3600 by changing the saturation by 10% instead.

138.7950, 30.4800,
53.3600

138.7950, 30.4800,
53.3600

255.0000, -0.0000,
-0.0000

111.1970, 29.2880,
52.9360

193.7240, 29.2420,
53.7700

82.7240, 29.2420,
53.7700

210.3880, 20.9000,
39.7480

48.2070, 32.4960,
60.8800

226.8240, 13.2000,
25.1040

37.2840, 24.4290,
47.3810

243.8470, 5.2250,
9.9370

26.7740, 16.6370,
34.4050

16.9760, 9.7160,
22.1640

3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 138.7950, 30.4800,
53.3600

■ 138.7950, 30.4800,
53.3600

■ 126.9410, 36.3010,
63.5090

■ 150.6490, 24.6590,
43.2110

■ 115.0870, 42.1220,
73.6580

■ 162.5030, 18.8380,
33.0620

■ 103.2330, 47.9430,
83.8070

■ 174.3570, 13.0170,
22.9130

■ 91.3790, 53.7640,
93.9560

■ 186.2110, 7.1960,
12.7640

■ 81.8730, 58.4850,
102.0130

■ 198.6520, 1.1000,
2.0920

■ 210.5060, -4.7210,
-8.0570

■ 222.3600,
-10.5420, -18.2060

■ 233.0400,
-15.8130, -27.3090

■ 233.1540,
-16.1340, -26.9980

Harmonies

Analogous

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



137.6760, -32.6970, 36.4150



138.7950, 30.4800, 53.3600



131.6410, 71.8360, 52.7640

Triad

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



138.7950, 30.4800, 53.3600



127.4060, 61.7650, -34.5790



116.6400, -105.2190, -25.9470

Complementary

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



138.7950, 30.4800, 53.3600



158.2050, -30.4800, -53.3600

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.



110.1420, -86.9220, -43.6740



138.7950, 30.4800, 53.3600



122.4050, 18.8070, -49.0090

Square

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



138.7950, 30.4800, 53.3600



130.8660, 82.1620, -2.2380



101.1820, -67.2040, -59.6200



118.6070, -117.6470, -9.9590

Rectangle

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



138.7950, 30.4800, 53.3600



129.9670, 84.9970, 40.0130



101.1820, -67.2040, -59.6200



114.5880, -99.4410, -31.5450

Sweetspot

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



138.7950, 30.4800, 53.3600



230.7050, 11.9170, 20.8210



108.8670, -31.9170, 33.2910



113.0970, 7.5170, 12.4530



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



138.7950, 30.4800, 53.3600



159.5810, 46.8430, 81.7150



132.9810, 46.8510, 37.4990



93.7170, 2.4750, 4.7070



66.4070, 47.3930, 82.7610



14.6400, 10.5420, 18.2060

Inverse Universe

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



138.7950, 30.4800, 53.3600



159.5810, 46.8430, 81.7150



164.0190, -46.8510, -37.4990



93.7170, 2.4750, 4.7070



66.4070, 47.3930, 82.7610



14.6400, 10.5420, 18.2060

Previews

White Background



This preview shows how the YIQ color 138.7950, 30.4800, 53.3600 looks on a white background.

Color Contrast Check

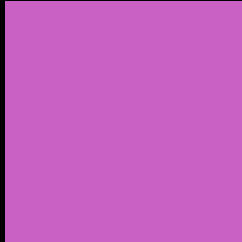
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 138.7950, 30.4800, 53.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

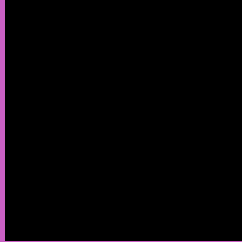
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.7950, 30.4800, 53.3600

Background



This preview shows how black text looks on a background with the YIQ color 138.7950, 30.4800, 53.3600.



This preview shows how white text looks on a background with the YIQ color 138.7950, 30.4800,

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

138.7950, 30.4800, 53.3600

Protanopia

133.9520, -51.6300, 21.6020

Deuteranopia

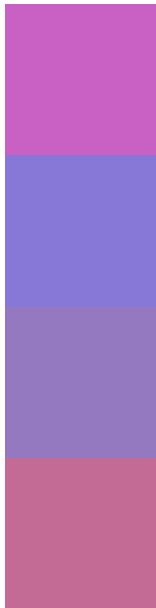
136.6710, -26.2740, 13.6140



Tritanopia

138.2340, 43.9200, 19.0240

Trichromacy



Original Color

138.7950, 30.4800, 53.3600

Protanomaly

135.4290, -21.8760, 33.0360

Deuteranomaly

137.4660, -6.1030, 28.0170

Tritanomaly

138.1000, 38.9660, 31.7180

Monochromacy



Original Color

138.7950, 30.4800, 53.3600

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.8790, 11.3670, 19.7750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.7950, 30.4800, 53.3600 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(201, 96, 196)` looks like.

```
.text, #text, p{  
    color:rgb(201, 96, 196)  
}
```

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(201, 96, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 96, 196) }
```

Border

The CSS property to change the border of an element to YIQ 138.7950, 30.4800, 53.3600 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(201, 96, 196) }
```


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

```
.border{ border-color:rgb(201, 96, 196) }
```

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

Here you see how a box with a 4 pixel rgb(201, 96, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 96, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 96, 196);  
box-shadow:4px 4px 4px 4px rgb(201, 96,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 138.7950, 30.4800, 53.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 96, 196) }
```

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

```
.background{ background-color: rgb(201, 96,  
196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor