

# Converting Colors

YIQ(130.2800, 55.4740, 18.8820)

Have a look what the booklet for  
YIQ(130.2800, 55.4740, 18.8820)  
contains.

<b>YIQ(130.2800, 55.4740, 18.8820)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(130.2800, 55.4740,  
18.8820)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C36765
RGB	195, 103, 101
RGB Percent	76%, 40%, 40%
CMY	0.2351, 0.5962, 0.6037
CMYK	0.00, 0.47, 0.48, 0.24
HSL	1°, 44%, 58%
HSV	1°, 48%, 76%
XYZ	29.7182, 22.2430, 15.0535
YIQ	130.2800, 55.4740, 18.8820

# Conversions

## Conversions Part 2

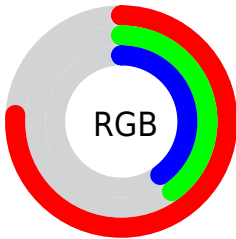
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 103, 101
Decimal	12805989
CIE <sub>Lab</sub>	54.28, 36.42, 17.76
CIE <sub>LCh</sub>	54, 40.517, 26.003
Yxy	22.2430, 0.4435, 0.3319
Android (android.graphics.Color)	4290996069 (0xFFC36765)
YUV	130.2800, -14.4350, 56.7594
Hunter-Lab	47.1625, 29.9426, 14.0894

# Details

The YIQ color **130.2800, 55.4740, 18.8820** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **165.7200, -55.4740, -18.8820**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.1450, 60.2880, 19.7440**, and **78.2300, 49.7430, 18.1190** is the 20% darker color. If you saturate the color by 10%, you get **116.9610, 66.7980, 22.9100**, and if you desaturate by 10%, it is **143.7130, 43.8290, 15.1650**.

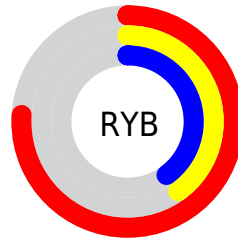
# Distribution



Red (76%)

Green (40%)

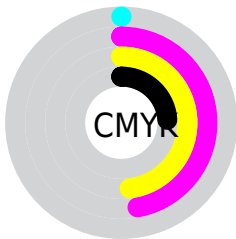
Blue (40%)



Red (76%)

Yellow (40%)

Blue (40%)

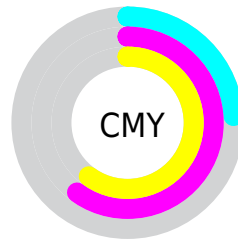


Cyan (0%)

Magenta (47%)

Yellow (48%)

Black (24%)



Cyan (24%)

Magenta (60%)


Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 130.2800, 55.4740, 18.8820 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 130.2800, 55.4740, 18.8820 by changing the saturation by 10% instead.





 130.2800, 55.4740,  
18.8820


 130.2800, 55.4740,  
18.8820


255.0000, -0.0000,  
-0.0000


 104.1980, 52.7690,  
18.3450


 185.1450, 60.2880,  
19.7440


 78.5290, 50.3390,  
18.3310


 204.0720, 44.1960,  
14.0200


 52.5010, 47.5420,  
19.4620

 223.5860, 27.8290,  
7.7730

 25.7720, 45.3410,  
20.8050

 243.8010, 10.8660,  
1.3140

 16.7440, 33.3760,  
11.8720

 7.2900, 13.9830,  
5.3990

 0.0000, 0.0000,

0.0000

■ 130.2800, 55.4740,  
18.8820

■ 130.2800, 55.4740,  
18.8820

■ 116.9610, 66.7980,  
22.9100

■ 143.7130, 43.8290,  
15.1650

■ 103.5280, 78.4430,  
26.6270

■ 157.0320, 32.5050,  
11.1370

■ 90.2090, 89.7670,  
30.6550

■ 170.4650, 20.8600,  
7.4200

■ 76.7760, 101.4120,  
34.3720

■ 183.7840, 9.5360,  
3.3920

■ 62.8700, 113.0110,  
38.9230

■ 197.8040, -2.3840,  
-0.8480

■ 60.6530, 115.1200,  
39.2480

■ 211.1230,  
-13.7080, -4.8760

■ 224.5560,  
-25.3530, -8.5930

■ 237.0600,  
-35.7600, -12.7200

# Harmonies

## Analogous

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



132.1990, 43.0010, 30.1770



130.2800, 55.4740, 18.8820



129.3590, 53.0930, 1.4530

# Triad

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



130.2800, 55.4740, 18.8820



117.6970, -22.2770, -31.3090



118.3760, -68.2240, 2.9440

# Complementary

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



130.2800, 55.4740, 18.8820



165.7200, -55.4740, -18.8820

# 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.



105.2590, -99.3520, -16.6320



130.2800, 55.4740, 18.8820



100.4250, -80.2290, -38.3170

# Square

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



130.2800, 55.4740, 18.8820



123.7090, 12.9800, -25.9960



104.4150, -91.4640, -27.4320



130.9910, -21.0030, 22.7170



# Rectangle

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



130.2800, 55.4740, 18.8820



127.9030, 45.2090, -9.8550



104.4150, -91.4640, -27.4320



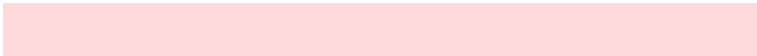
103.4640, -101.1870, -10.9070

# Sweetspot

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



130.2800, 55.4740, 18.8820



228.0520, 20.5850, 6.8970



139.5940, 26.4920, 48.5400



112.5780, 13.1120, 4.6640



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.



130.2800, 55.4740, 18.8820



151.4150, 86.1910, 29.3830



157.8690, 42.5490, -5.6990



89.9900, 5.9600, 2.1200



49.9000, 95.1310, 32.5630



10.4540, 19.3930, 6.4730



# Inverse Universe

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



165.7200, -55.4740, -18.8820



206.5850, -86.1910, -29.3830



138.1310, -42.5490, 5.6990



94.0100, -5.9600, -2.1200



110.5130, -94.8560, -32.0400



22.5460, -19.3930, -6.4730



# Previews

## White Background



This preview shows how the YIQ color 130.2800, 55.4740, 18.8820 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

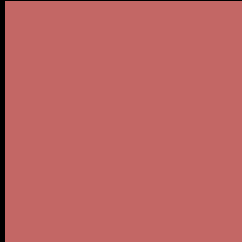
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 130.2800, 55.4740, 18.8820 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 130.2800, 55.4740, 18.8820

## Background



This preview shows how black text looks on a background with the YIQ color 130.2800, 55.4740, 18.8820.



This preview shows how white text looks on a background with the YIQ color 130.2800, 55.4740,



# 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

130.2800, 55.4740, 18.8820

### Protanopia

129.9700, 8.7120, -3.7040

### Deuteranopia

130.4790, 26.2720, -2.5600



## Tritanopia

130.9040, 53.7770, 22.1050

# Trichromacy



## Original Color

130.2800, 55.4740, 18.8820

## Protanomaly

129.8090, 25.5830, 4.4230

## Deuteranomaly

130.3820, 37.0910, 5.1150

## Tritanomaly

130.5620, 54.7400, 21.1720

# Monochromacy



## Original Color

130.2800, 55.4740, 18.8820

## Achromatopsia

130.0000, -0.0000, -0.0000

## Achromatomaly

130.0520, 20.5850, 6.8970

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 130.2800, 55.4740, 18.8820 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(195, 103, 101)` looks like.

```
.text, #text, p{  
    color:rgb(195, 103, 101)  
}
```

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(195, 103, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 103, 101) }
```

## Border

The CSS property to change the border of an element to YIQ 130.2800, 55.4740, 18.8820 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(195, 103, 101) }
```



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

```
.border{ border-color:rgb(195, 103, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 103, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 103, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 103, 101);  
box-shadow:4px 4px 4px 4px rgb(195, 103,  
101) }
```

# Background

The CSS property to change the background color of an element to YIQ 130.2800, 55.4740, 18.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 103, 101) }
```

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

```
.background{ background-color: rgb(195,  
103, 101) }
```

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