

Converting Colors

YIQ(116.2800, 55.4740, 18.8820)

Have a look what the booklet for
YIQ(116.2800, 55.4740, 18.8820)
contains.

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Color

**YIQ(116.2800, 55.4740,
18.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	B55957
RGB	181, 89, 87
RGB Percent	71%, 35%, 34%
CMY	0.2900, 0.6511, 0.6586
CMYK	0.00, 0.51, 0.52, 0.29
HSL	1°, 39%, 53%
HSV	1°, 52%, 71%
XYZ	24.3608, 17.6578, 11.1533
YIQ	116.2800, 55.4740, 18.8820

Conversions

Conversions Part 2

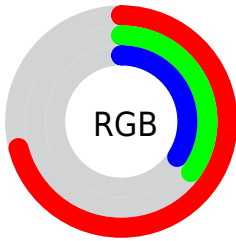
Format	Color
R_{YB}	181, 89, 87
Decimal	11884887
CIE Lab	49.08, 37.09, 18.63
CIE LCh	49, 41.508, 26.661
Yxy	17.6578, 0.4582, 0.3321
Android (android.graphics.Color)	4290074967 (0xFFB55957)
YUV	116.2800, -14.4350, 56.7594
Hunter-Lab	42.0212, 29.9442, 13.6781

Details

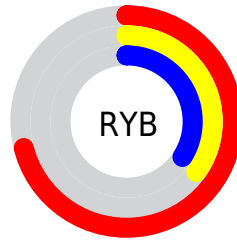
The YIQ color **116.2800, 55.4740, 18.8820** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **151.7200, -55.4740, -18.8820**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1450, 60.2880, 19.7440**, and **64.7570, 49.6970, 18.9530** is the 20% darker color. If you saturate the color by 10%, you get **103.6620, 66.2020, 22.6980**, and if you desaturate by 10%, it is **128.8980, 44.7460, 15.0660**.

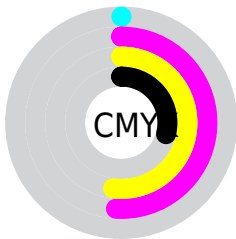
Distribution



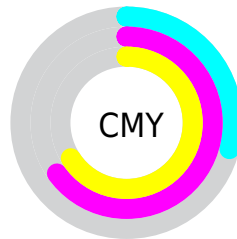
- Red (71%)
- Green (35%)
- Blue (34%)



- Red (71%)
- Yellow (35%)
- Blue (34%)



- Cyan (0%)
- Magenta (51%)
- Yellow (52%)
- Black (29%)




- Cyan (29%)
- Magenta (65%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.2800, 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 116.2800, 55.4740, 18.8820 by changing the saturation by 10% instead.


 116.2800, 55.4740,
18.8820


 116.2800, 55.4740,
18.8820


255.0000, -0.0000,
-0.0000


 90.3120, 52.4480,
18.6560


 170.1450, 60.2880,
19.7440


 64.7570, 49.6970,
18.9530


 193.4430, 53.4570,
16.8890


 36.9680, 47.7250,
21.6530

 212.9570, 37.0900,
10.6420

 20.6310, 41.1240,
14.6280

 232.5850, 20.4020,
4.7060

 13.5690, 26.4990,
9.8510

 252.8000, 3.4390,
-1.7530

 0.0000, 0.0000,
0.0000

116.2800, 55.4740,
18.8820

116.2800, 55.4740,
18.8820

103.6620, 66.2020,
22.6980

128.8980, 44.7460,
15.0660

91.0440, 76.9300,
26.5140

140.9290, 34.2930,
11.7730

79.0130, 87.3830,
29.8070

153.5470, 23.5650,
7.9570

66.3950, 98.1110,
33.6230

166.1650, 12.8370,
4.1410

56.4670, 106.7760,
36.2800


178.8970, 1.7880,
0.6360

190.9280, -8.6650,
-2.6570

203.5460,
-19.3930, -6.4730

216.1640,

-30.1210, -10.2890

 228.7820,
-40.8490, -14.1050

Harmonies

Analogous

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



117.9110, 43.8720, 30.9120



116.2800, 55.4740, 18.8820



115.2450, 53.4140, 1.1420

Triad

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



116.2800, 55.4740, 18.8820



103.8000, -24.0650, -31.9450



101.6030, -76.2930, 0.4990

Complementary

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



116.2800, 55.4740, 18.8820



151.7200, -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.



96.2600, -91.9250, -13.5650



116.2800, 55.4740, 18.8820



91.3120, -72.4810, -35.5610

Square

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



116.2800, 55.4740, 18.8820



109.9970, 12.1090, -26.7310



95.4160, -84.0370, -24.3650



117.9910, -21.0030, 22.7170

Rectangle

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



116.2800, 55.4740, 18.8820



114.0770, 44.6590, -10.9010



95.4160, -84.0370, -24.3650



94.4650, -93.7600, -7.8400

Sweetspot

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



116.2800, 55.4740, 18.8820



208.9490, 22.3730, 7.5330



125.5940, 26.4920, 48.5400



101.5780, 13.1120, 4.6640



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.



116.2800, 55.4740, 18.8820



134.4150, 86.1910, 29.3830



143.8690, 42.5490, -5.6990



85.6910, 5.3640, 1.9080



48.4050, 92.1510, 31.5030



8.9590, 16.4130, 5.4130

Inverse Universe

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



151.7200, -55.4740, -18.8820



189.5850, -86.1910, -29.3830



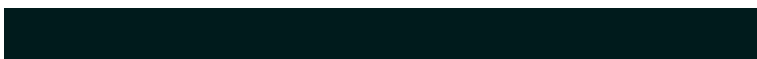
124.1310, -42.5490, 5.6990



89.3090, -5.3640, -1.9080



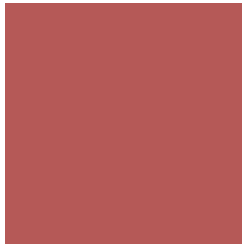
107.0080, -91.8760, -30.9800



19.0410, -16.4130, -5.4130

Previews

White Background



This preview shows how the YIQ color 116.2800, 55.4740, 18.8820 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 × Fail

Black Background



This preview shows how the YIQ color 116.2800, 55.4740, 18.8820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

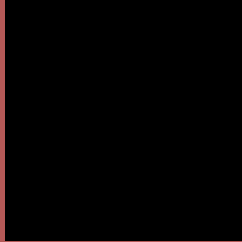
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 116.2800, 55.4740, 18.8820

Background



This preview shows how black text looks on a background with the YIQ color 116.2800, 55.4740, 18.8820.

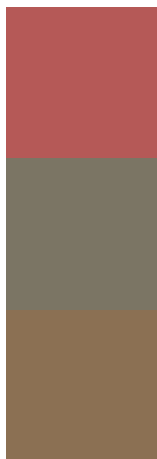


This preview shows how white text looks on a background with the YIQ color 116.2800, 55.4740,

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

116.2800, 55.4740, 18.8820

Protanopia

116.8560, 9.0330, -4.0150

Deuteranopia

116.7670, 25.4010, -3.2950



Tritanopia

116.7900, 54.0980, 21.7940

Trichromacy



Original Color

116.2800, 55.4740, 18.8820

Protanomaly

116.6950, 25.9040, 4.1120

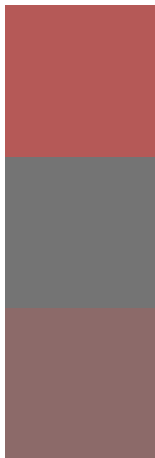
Deuteranomaly

116.6700, 36.2200, 4.3800

Tritanomaly

116.4480, 55.0610, 20.8610

Monochromacy



Original Color

116.2800, 55.4740, 18.8820

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.0520, 20.5850, 6.8970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.2800, 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(181, 89, 87)` looks like.

```
.text, #text, p{  
    color:rgb(181, 89, 87)  
}
```

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, 89, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 89, 87) }
```

Border

The CSS property to change the border of an element to YIQ 116.2800, 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(181, 89, 87) }
```


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

```
.border{ border-color:rgb(181, 89, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 89, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 89, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 89, 87);  
box-shadow:4px 4px 4px 4px rgb(181, 89,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 116.2800, 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(181, 89, 87) }
```

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

```
.background{ background-color: rgb(181, 89,  
87) }
```

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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