

Converting Colors

YIQ(115.7650, 38.0510, 20.7630)

Have a look what the booklet for
YIQ(115.7650, 38.0510, 20.7630)
contains.

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Color

**YIQ(115.7650, 38.0510,
20.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	A55C6D
RGB	165, 92, 109
RGB Percent	65%, 36%, 43%
CMY	0.3528, 0.6393, 0.5724
CMYK	0.00, 0.44, 0.34, 0.35
HSL	346°, 29%, 50%
HSV	346°, 44%, 65%
XYZ	22.1135, 16.7582, 16.5471
YIQ	115.7650, 38.0510, 20.7630

Conversions

Conversions Part 2

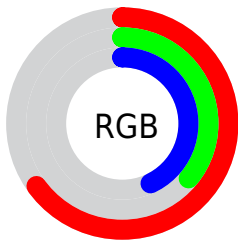
Format	Color
R_{YB}	165, 92, 109
Decimal	10837101
CIE _{Lab}	47.95, 31.86, 3.54
CIE _{LCh}	48, 32.054, 6.334
Yxy	16.7582, 0.3990, 0.3024
Android (android.graphics.Color)	4289027181 (0xFFA55C6D)
YUV	115.7650, -3.3351, 43.1791
Hunter-Lab	40.9368, 24.7839, 4.6902

Details

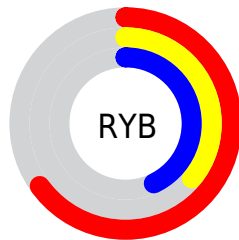
The YIQ color **115.7650, 38.0510, 20.7630** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **141.2350, -38.0510, -20.7630**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1460, 41.3520, 21.5120**, and **65.4980, 34.4290, 20.3250** is the 20% darker color. If you saturate the color by 10%, you get **104.3040, 46.8990, 25.6110**, and if you desaturate by 10%, it is **126.6390, 29.4780, 16.4380**.

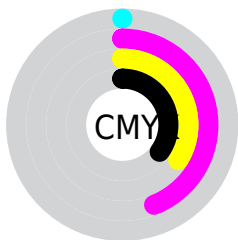
Distribution



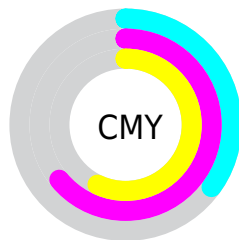
- Red (65%)
- Green (36%)
- Blue (43%)



- Red (65%)
- Yellow (36%)
- Blue (43%)



- Cyan (0%)
- Magenta (44%)
- Yellow (34%)
- Black (35%)




- Cyan (35%)
- Magenta (64%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.7650, 38.0510, 20.7630 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 115.7650, 38.0510, 20.7630 by changing the saturation by 10% instead.


 115.7650, 38.0510,
20.7630


 115.7650, 38.0510,
20.7630


255.0000, -0.0000,
-0.0000


 90.2810, 36.5380,
20.6500


 169.1460, 41.3520,
21.5120


 65.4980, 34.4290,
20.3250


 196.7440, 42.5440,
21.9360

 40.8290, 31.9990,
20.3110

 216.9810, 28.5150,
17.3710

 19.9210, 28.7440,
18.7280

 237.1960, 11.5520,
10.9120

 11.1770, 21.7310,
8.1550

 0.0000, 0.0000,
0.0000

■ 115.7650, 38.0510,
20.7630

■ 115.7650, 38.0510,
20.7630

■ 104.3040, 46.8990,
25.6110

■ 126.6390, 29.4780,
16.4380

■ 93.5440, 55.1510,
30.2470

■ 137.9860, 20.9510,
11.2790

■ 82.0830, 63.9990,
35.0950

■ 148.8600, 12.3780,
6.9540

■ 71.2090, 72.5720,
39.4200

■ 160.3210, 3.5300,
2.1060

■ 59.8620, 81.0990,
44.5790

■ 171.0810, -4.7220,
-2.5300


■ 53.7810, 85.8210,
47.1090

■ 182.5420,
-13.5700, -7.3780

■ 194.0030,
-22.4180, -12.2260

■ 204.7630,

-30.6700, -16.8620

 216.2240,
-39.5180, -21.7100

Harmonies

Analogous

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



117.3040, 20.5360, 24.3120



115.7650, 38.0510, 20.7630



114.5510, 44.1050, 10.1610

Triad

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



115.7650, 38.0510, 20.7630



108.1840, 1.5170, -21.9950



94.6810, -76.9330, -9.9330

Complementary

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



115.7650, 38.0510, 20.7630



141.2350, -38.0510, -20.7630

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.



91.0790, -81.4700, -21.3260



115.7650, 38.0510, 20.7630



102.8740, -26.9090, -24.4530

Square

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



115.7650, 38.0510, 20.7630



111.0190, 24.2110, -14.7730



88.7020, -73.3990, -29.9350



111.0610, -36.3600, 9.1760

Rectangle

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



115.7650, 38.0510, 20.7630



113.9000, 41.2640, 1.0720



88.7020, -73.3990, -29.9350



90.8000, -84.8180, -15.7140

Sweetspot

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



115.7650, 38.0510, 20.7630



195.1700, 14.4410, 8.1130



116.7670, 9.3470, 34.3630



95.5390, 8.8480, 4.8480



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



115.7650, 38.0510, 20.7630



137.7510, 59.0020, 32.0420



124.3930, 38.5580, 6.0620



75.9190, 4.7220, 2.5300



47.2310, 75.5060, 41.3140



5.8380, 9.4440, 5.0600

Inverse Universe

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



115.7650, 38.0510, 20.7630



137.7510, 59.0020, 32.0420



132.6070, -38.5580, -6.0620



75.9190, 4.7220, 2.5300



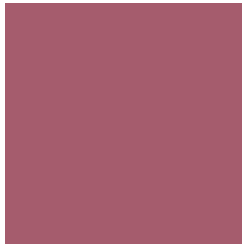
47.2310, 75.5060, 41.3140



5.8380, 9.4440, 5.0600

Previews

White Background



This preview shows how the YIQ color 115.7650, 38.0510, 20.7630 looks on a white background.

Color Contrast Check

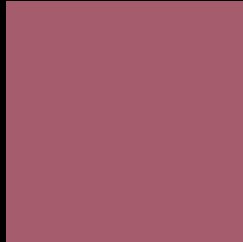
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.7650, 38.0510, 20.7630 looks on a black 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

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

YIQ 115.7650, 38.0510, 20.7630

Background



This preview shows how black text looks on a background with the YIQ color 115.7650, 38.0510, 20.7630.



This preview shows how white text looks on a background with the YIQ color 115.7650, 38.0510,

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

115.7650, 38.0510, 20.7630

Protanopia

114.7980, -2.2470, 2.1770

Deuteranopia

114.9260, 12.0120, 2.5720



Tritanopia

115.0270, 40.0690, 17.2290

Trichromacy



Original Color

115.7650, 38.0510, 20.7630

Protanomaly

115.3270, 12.5610, 9.1450

Deuteranomaly

114.8180, 21.3640, 9.3000

Tritanomaly

115.3690, 39.1060, 18.1620

Monochromacy



Original Color

115.7650, 38.0510, 20.7630

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.7570, 14.1660, 7.5900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.7650, 38.0510, 20.7630 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(165, 92, 109)` looks like.

```
.text, #text, p{  
    color:rgb(165, 92, 109)  
}
```

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(165, 92, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 92, 109) }
```

Border

The CSS property to change the border of an element to YIQ 115.7650, 38.0510, 20.7630 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(165, 92, 109) }
```


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

```
.border{ border-color:rgb(165, 92, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 92, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 92, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 92, 109);  
box-shadow:4px 4px 4px 4px rgb(165, 92,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 115.7650, 38.0510, 20.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 92, 109) }
```

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

```
.background{ background-color: rgb(165, 92,  
109) }
```

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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