

Converting Colors

YIQ(114.9750, 55.0150, 21.6950)

Have a look what the booklet for
YIQ(114.9750, 55.0150, 21.6950)
contains.

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Color

**YIQ(114.9750, 55.0150,
21.6950)**

Conversions

Conversions Part 1

Format	Color
Hex	B5565B
RGB	181, 86, 91
RGB Percent	71%, 34%, 36%
CMY	0.2900, 0.6629, 0.6429
CMYK	0.00, 0.53, 0.50, 0.29
HSL	357°, 39%, 52%
HSV	357°, 53%, 71%
XYZ	24.2851, 17.2363, 11.9569
YIQ	114.9750, 55.0150, 21.6950

Conversions

Conversions Part 2

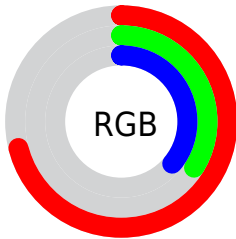
Format	Color
R_{YB}	181, 86, 91
Decimal	11884123
CIE _{Lab}	48.56, 39.02, 15.53
CIE _{LCh}	49, 41.993, 21.705
Yxy	17.2363, 0.4541, 0.3223
Android (android.graphics.Color)	4290074203 (0xFFB5565B)
YUV	114.9750, -11.8197, 57.9039
Hunter-Lab	41.5166, 31.7591, 11.9860

Details

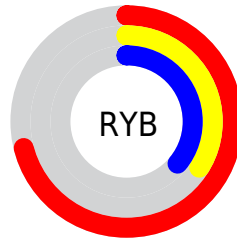
The YIQ color **114.9750, 55.0150, 21.6950** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **152.0250, -55.0150, -21.6950**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8400, 59.8290, 22.5570**, and **62.7510, 49.8340, 21.9780** is the 20% darker color. If you saturate the color by 10%, you get **102.4710, 65.4220, 25.8220**, and if you desaturate by 10%, it is **127.4790, 44.6080, 17.5680**.

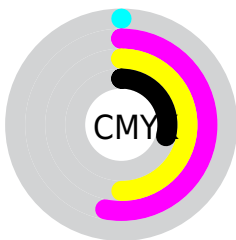
Distribution



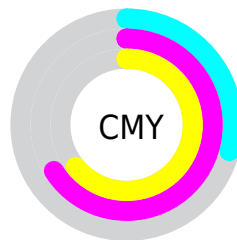
- Red (71%)
- Green (34%)
- Blue (36%)



- Red (71%)
- Yellow (34%)
- Blue (36%)



- Cyan (0%)
- Magenta (53%)
- Yellow (50%)
- Black (29%)




- Cyan (29%)
- Magenta (66%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.9750, 55.0150, 21.6950 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 114.9750, 55.0150, 21.6950 by changing the saturation by 10% instead.


 114.9750, 55.0150,
21.6950


 114.9750, 55.0150,
21.6950


255.0000, -0.0000,
-0.0000


 89.0070, 51.9890,
21.4690


 168.8400, 59.8290,
22.5570


 62.8650, 49.5130,
22.2890


 192.1380, 52.9980,
19.7020


 33.9020, 48.0910,
26.0350

 211.7660, 36.3100,
13.7660

 20.6310, 41.1240,
14.6280

 231.3940, 19.6220,
7.8300

 13.5690, 26.4990,
9.8510

 251.6090, 2.6590,
1.3710

 0.0000, 0.0000,
0.0000

■ 114.9750, 55.0150,
21.6950

■ 114.9750, 55.0150,
21.6950

■ 102.4710, 65.4220,
25.8220

■ 127.4790, 44.6080,
17.5680

■ 89.9670, 75.8290,
29.9490

■ 139.9830, 34.2010,
13.4410

■ 77.4630, 86.2360,
34.0760

■ 152.4870, 23.7940,
9.3140

■ 64.9590, 96.6430,
38.2030

■ 165.1050, 13.0660,
5.4980

■ 55.2590, 104.6660,
41.4820


■ 177.6090, 2.6590,
1.3710

■ 190.7000, -8.0230,
-3.2790

■ 203.2040,
-18.4300, -7.4060

■ 215.7080,

-28.8370, -11.5330

 228.2120,
-39.2440, -15.6600

Harmonies

Analogous

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



116.6980, 40.1580, 32.1420



114.9750, 55.0150, 21.6950



114.4240, 54.4680, 4.0680

Triad

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



114.9750, 55.0150, 21.6950



103.6220, -17.6920, -31.8040



92.7040, -92.9350, -6.2710

Complementary

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



114.9750, 55.0150, 21.6950



152.0250, -55.0150, -21.6950

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.



95.6900, -90.3200, -15.1200



114.9750, 55.0150, 21.6950



89.3400, -69.6840, -36.6920

Square

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



114.9750, 55.0150, 21.6950



109.1610, 17.5190, -25.6570



94.0310, -81.5150, -26.0190



115.4030, -28.1550, 20.1730

Rectangle

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



114.9750, 55.0150, 21.6950



113.2130, 47.2720, -8.6960



94.0310, -81.5150, -26.0190



94.1230, -92.7970, -8.7730

Sweetspot

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



114.9750, 55.0150, 21.6950



208.5900, 22.0060, 8.6780



123.4410, 22.5490, 48.4130



101.6920, 12.7910, 4.9750



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.



114.9750, 55.0150, 21.6950



132.1640, 85.6400, 33.8640



138.4720, 45.3450, -1.3030



85.6910, 5.3640, 1.9080



47.5560, 90.4080, 35.5600



8.6000, 16.0460, 6.5580

Inverse Universe

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



114.9750, 55.0150, 21.6950



132.1640, 85.6400, 33.8640



128.5280, -45.3450, 1.3030



85.6910, 5.3640, 1.9080



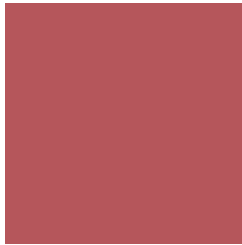
47.5560, 90.4080, 35.5600



8.6000, 16.0460, 6.5580

Previews

White Background



This preview shows how the YIQ color 114.9750, 55.0150, 21.6950 looks on a white background.

Color Contrast Check

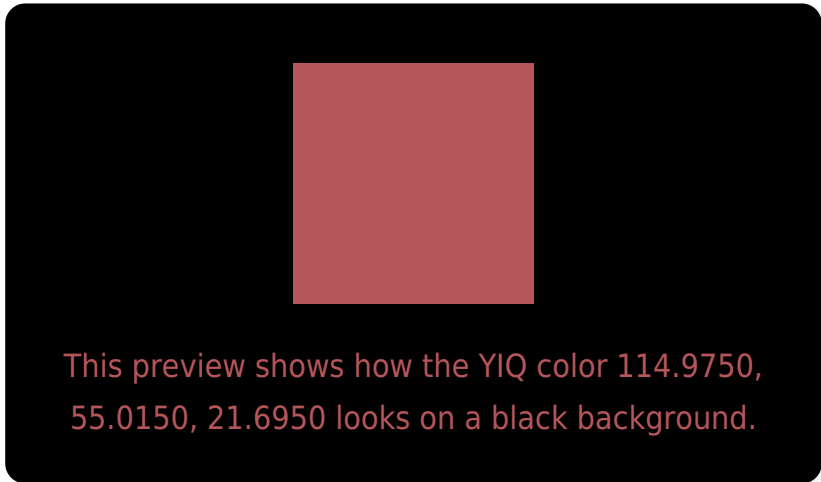
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

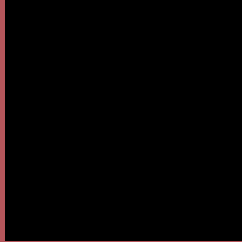
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.9750, 55.0150, 21.6950

Background



This preview shows how black text looks on a background with the YIQ color 114.9750, 55.0150, 21.6950.

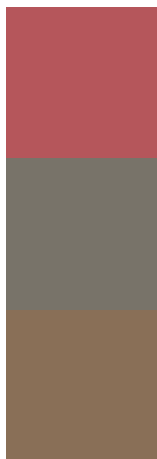


This preview shows how white text looks on a background with the YIQ color 114.9750, 55.0150,

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

114.9750, 55.0150, 21.6950

Protanopia

115.3550, 6.1900, -2.0500

Deuteranopia

116.0380, 23.2000, -1.9520



Tritanopia

115.0890, 54.6940, 22.0060

Trichromacy



Original Color

114.9750, 55.0150, 21.6950

Protanomaly

114.9060, 23.9320, 6.8120

Deuteranomaly

115.6530, 34.8900, 6.4580

Tritanomaly

115.0890, 54.6940, 22.0060

Monochromacy



Original Color

114.9750, 55.0150, 21.6950

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.6930, 20.2180, 8.0420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.9750, 55.0150, 21.6950 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, 86, 91)` looks like.

```
.text, #text, p{  
    color:rgb(181, 86, 91)  
}
```

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, 86, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 86, 91) }
```

Border

The CSS property to change the border of an element to YIQ 114.9750, 55.0150, 21.6950 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, 86, 91) }
```


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

```
.border{ border-color:rgb(181, 86, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 86, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 86, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 86, 91);  
box-shadow:4px 4px 4px 4px rgb(181, 86,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 114.9750, 55.0150, 21.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 86, 91) }
```

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

```
.background{ background-color: rgb(181, 86,  
91) }
```

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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