

Converting Colors

YIQ(115.3110, 54.1890, 25.6530)

Have a look what the booklet for
YIQ(115.3110, 54.1890, 25.6530)
contains.

YIQ(115.3110, 54.1890, 25.6530)	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(115.3110, 54.1890,
25.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	B75463
RGB	183, 84, 99
RGB Percent	72%, 33%, 39%
CMY	0.2821, 0.6707, 0.6116
CMYK	0.00, 0.54, 0.46, 0.28
HSL	351°, 41%, 52%
HSV	351°, 54%, 72%
XYZ	24.9650, 17.3110, 13.8429
YIQ	115.3110, 54.1890, 25.6530

Conversions

Conversions Part 2

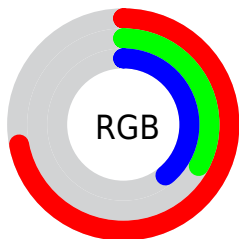
Format	Color
R_{YB}	183, 84, 99
Decimal	12014691
CIE _{Lab}	48.65, 41.55, 10.90
CIE _{LCh}	49, 42.954, 14.698
Yxy	17.3110, 0.4449, 0.3085
Android (android.graphics.Color)	4290204771 (0xFFB75463)
YUV	115.3110, -8.0413, 59.3633
Hunter-Lab	41.6065, 34.2935, 9.3981

Details

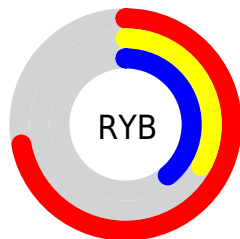
The YIQ color **115.3110, 54.1890, 25.6530** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **151.6890, -54.1890, -25.6530**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8770, 58.4070, 26.3030**, and **62.5000, 49.2830, 26.4590** is the 20% darker color. If you saturate the color by 10%, you get **103.0350, 63.9540, 30.4020**, and if you desaturate by 10%, it is **127.7010, 44.1030, 21.2150**.

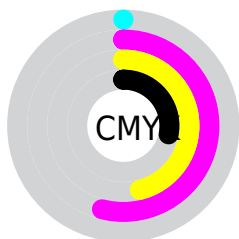
Distribution



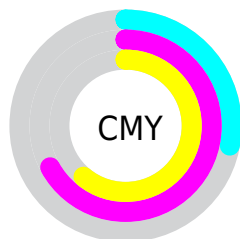
- Red (72%)
- Green (33%)
- Blue (39%)



- Red (72%)
- Yellow (33%)
- Blue (39%)



- Cyan (0%)
- Magenta (54%)
- Yellow (46%)
- Black (28%)



- Cyan (28%)
- Magenta (67%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.3110, 54.1890, 25.6530 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 115.3110, 54.1890, 25.6530 by changing the saturation by 10% instead.

■ 115.3110, 54.1890,
25.6530

■ 115.3110, 54.1890,
25.6530

■ 255.0000, -0.0000,
-0.0000

■ 88.6420, 51.7590,
25.6390

■ 169.8770, 58.4070,
26.3030

■ 62.5000, 49.2830,
26.4590

■ 192.5770, 50.3840,
23.0240

■ 32.9500, 48.1360,
30.7280

■ 212.2050, 33.6960,
17.0880

■ 22.1410, 39.7480,
17.5400

■ 231.8330, 17.0080,
11.1520

■ 14.2810, 27.3700,
10.5860

■ 251.4780, 1.6500,
3.1380

■ 0.0000, 0.0000,
0.0000

■ 115.3110, 54.1890,
25.6530

■ 115.3110, 54.1890,
25.6530

■ 103.0350, 63.9540,
30.4020

■ 127.7010, 44.1030,
21.2150

■ 90.0580, 74.3150,
35.3630

■ 140.5640, 34.0630,
15.9430

■ 77.6680, 84.4010,
39.8010

■ 152.9540, 23.9770,
11.5050

■ 65.3920, 94.1660,
44.5500

■ 165.2300, 14.2120,
6.7560

■ 57.9090, 100.0800,
47.5040


■ 177.6200, 4.1260,
2.3180

■ 190.4830, -5.9140,
-2.9540

■ 202.8730,
-16.0000, -7.3920

■ 215.1490,

-25.7650, -12.1410

 228.1260,
-36.1260, -17.1020

Harmonies

Analogous

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



117.7130, 35.8020, 33.9940



115.3110, 54.1890, 25.6530



114.1410, 56.9430, 8.7750

Triad

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



115.3110, 54.1890, 25.6530



105.5260, -8.6140, -31.1260



94.4650, -93.7600, -7.8400

Complementary

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



115.3110, 54.1890, 25.6530



151.6890, -54.1890, -25.6530

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.



95.8210, -89.3110, -16.8870



115.3110, 54.1890, 25.6530



88.3140, -66.7950, -39.4910

Square

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



115.3110, 54.1890, 25.6530



110.1080, 25.0380, -24.2580



93.8200, -79.5430, -28.7190



112.6510, -40.7170, 16.5550

Rectangle

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



115.3110, 54.1890, 25.6530



113.3000, 51.5810, -4.1870



93.8200, -79.5430, -28.7190



95.1830, -93.0260, -10.1300

Sweetspot

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



115.3110, 54.1890, 25.6530



211.0460, 20.7220, 9.9220



120.1030, 17.6890, 48.3850



104.3330, 12.4240, 6.1200



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



115.3110, 54.1890, 25.6530



131.6680, 84.4010, 39.8010



132.9720, 49.9290, 3.7290



85.8050, 5.0430, 2.2190



49.3800, 85.2720, 40.5360



8.8280, 15.4040, 7.1800

Inverse Universe

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



115.3110, 54.1890, 25.6530



131.6680, 84.4010, 39.8010



134.0280, -49.9290, -3.7290



85.8050, 5.0430, 2.2190



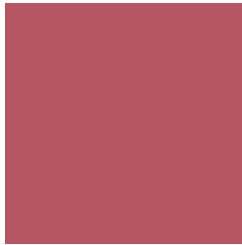
49.3800, 85.2720, 40.5360



8.8280, 15.4040, 7.1800

Previews

White Background



This preview shows how the YIQ color 115.3110, 54.1890, 25.6530 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 115.3110, 54.1890, 25.6530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

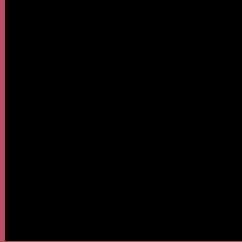
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.3110, 54.1890, 25.6530

Background



This preview shows how black text looks on a background with the YIQ color 115.3110, 54.1890, 25.6530.



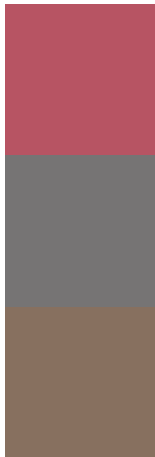
This preview shows how white text looks on a background with the YIQ color 115.3110, 54.1890,

25.6530.

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

115.3110, 54.1890, 25.6530

Protanopia

116.5980, 1.1920, 0.4240

Deuteranopia

116.9390, 19.1650, -0.4110



Tritanopia

114.9860, 56.4820, 22.6420

Trichromacy



Original Color

115.3110, 54.1890, 25.6530

Protanomaly

116.0460, 20.7220, 9.9220

Deuteranomaly

116.2660, 31.7260, 8.7340

Tritanomaly

115.3280, 55.5190, 23.5750

Monochromacy



Original Color

115.3110, 54.1890, 25.6530

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.3340, 19.8510, 9.1870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.3110, 54.1890, 25.6530 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(183, 84, 99)` looks like.

```
.text, #text, p{  
    color:rgb(183, 84, 99)  
}
```

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(183, 84, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 84, 99) }
```

Border

The CSS property to change the border of an element to YIQ 115.3110, 54.1890, 25.6530 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(183, 84, 99) }
```


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

```
.border{ border-color:rgb(183, 84, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 84, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 84, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 84, 99);  
box-shadow:4px 4px 4px 4px rgb(183, 84,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 115.3110, 54.1890, 25.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 84, 99) }
```

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

```
.background{ background-color: rgb(183, 84,  
99) }
```

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