

Converting Colors

YUV(115.5140, -16.0294,
54.8002)

Have a look what the booklet for
YUV(115.5140, -16.0294, 54.8002)
contains.

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Color

**YUV(115.5140, -16.0294,
54.8002)**

Conversions

Conversions Part 1

Format	Color
Hex	B25A53
RGB	178, 90, 83
RGB Percent	70%, 35%, 33%
CMY	0.3020, 0.6471, 0.6745
CMYK	0.00, 0.49, 0.53, 0.30
HSL	4°, 38%, 51%
HSV	4°, 53%, 70%
XYZ	23.5776, 17.4018, 10.2998
YIQ	115.5140, 54.6950, 16.4790

Conversions

Conversions Part 2

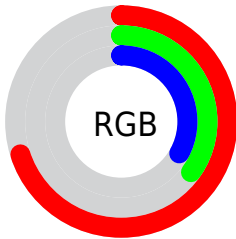
Format	Color
R_{YB}	178, 91, 83
Decimal	11688531
CIE Lab	48.76, 35.02, 20.53
CIE LCh	49, 40.591, 30.384
Yxy	17.4018, 0.4598, 0.3394
Android (android.graphics.Color)	4289878611 (0xFFB25A53)
YUV	115.5140, -16.0294, 54.8002
Hunter-Lab	41.7155, 27.8860, 14.5618

Details

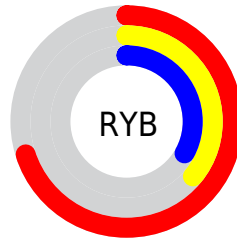
The YUV color **115.5140, -16.0294, 54.8002** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **145.4860, 16.0294, -54.8002**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3790, -17.9348, 59.3036**, and **63.9910, -12.8136, 49.9969** is the 20% darker color. If you saturate the color by 10%, you get **104.0700, -19.2615, 64.8366**, and if you desaturate by 10%, it is **126.9580, -12.7973, 44.7638**.

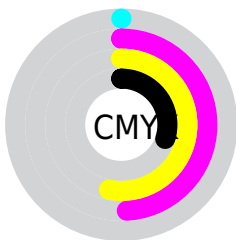
Distribution



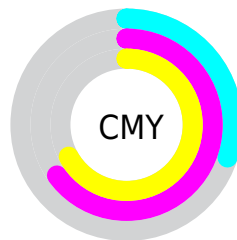
- Red (70%)
- Green (35%)
- Blue (33%)



- Red (70%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (49%)
- Yellow (53%)
- Black (30%)



- Cyan (30%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.5140, -16.0294, 54.8002 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 YUV color 115.5140, -16.0294, 54.8002 by changing the saturation by 10% instead.

■ 115.5140,
-16.0294, 54.8002

■ 115.5140,
-16.0294, 54.8002

■ 255.0000, 0.0000,
0.0000

■ 89.5460, -14.5662,
52.1412

■ 169.3790,
-17.9348, 59.3036

■ 63.9910, -12.8136,
49.9969

■ 193.5740,
-17.0450, 53.8706

■ 38.0770, -9.8980,
48.1675

■ 213.0880,
-13.3544, 36.7568

■ 19.7340, -9.7289,
40.5753

■ 232.6020, -9.6638,
19.6430

■ 12.6720, -5.7543,
25.7207

■ 252.9310, -5.3890,
1.8145

■ 0.0000, 0.0000,
0.0000

■ 115.5140,
-16.0294, 54.8002

■ 115.5140,
-16.0294, 54.8002

■ 104.0700,
-19.2615, 64.8366

■ 126.9580,
-12.7973, 44.7638

■ 92.0390, -22.2042,
75.3878

■ 138.9890, -9.8546,
34.2126

■ 80.7090, -24.9995,
85.3242

■ 150.3190, -7.0593,
24.2762

■ 68.6780, -27.9423,
95.8754

■ 162.3500, -4.1165,
13.7251

■ 60.8530, -30.0005,
102.7379

■ 173.7940, -0.8844,
3.6887

■ 185.8250, 2.0583,
-6.8625

■ 197.2690, 5.2904,
-16.8989

■ 209.1860, 7.7963,

-27.3501

■ 220.6300, 11.0284,
-37.3865

Harmonies

Analogous

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



117.0420, -0.0207, 53.4602



115.5140, -16.0294, 54.8002



114.6960, -28.9371, 41.4856

Triad

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



115.5140, -16.0294, 54.8002



101.8750, -10.7844, -41.1094



105.4800, 38.7104, -49.5330

Complementary

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



115.5140, -16.0294, 54.8002



145.4860, 16.0294, -54.8002

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.



95.0860, 39.3976, -83.3904



115.5140, -16.0294, 54.8002



91.1810, 11.7428, -79.9657

Square

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



115.5140, -16.0294, 54.8002



108.8440, -27.0381, -7.7562



94.5840, 27.3201, -82.9502



118.0410, 28.0808, -0.0360

Rectangle

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



115.5140, -16.0294, 54.8002



113.1690, -33.1143, 27.9158



94.5840, 27.3201, -82.9502



93.0630, 44.3389, -81.6163

Sweetspot

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



115.5140, -16.0294, 54.8002



207.8240, -6.3222, 21.2024



121.5510, 24.8714, 49.5058



102.7520, -3.8217, 12.4955



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.



115.5140, -16.0294, 54.8002



134.1220, -24.7101, 85.8390



143.1030, -29.6308, 30.6047



83.2780, -1.6161, 5.0182



52.2040, -25.7366, 88.3981



8.9480, -4.4114, 14.9546

Inverse Universe

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



145.4860, 16.0294, -54.8002



181.2910, 24.9995, -85.3242



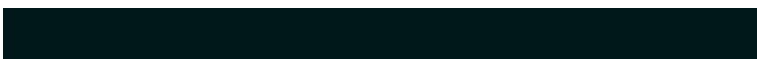
117.8970, 29.6308, -30.6047



86.3090, 1.3267, -5.5330



100.7960, 25.7366, -88.3981



17.0520, 4.4114, -14.9546

Previews

White Background



This preview shows how the YUV color 115.5140, -16.0294, 54.8002 looks on a white background.

Color Contrast Check

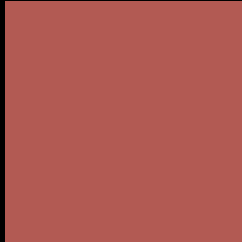
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 115.5140, -16.0294, 54.8002 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](#).

YUV 115.5140, -16.0294, 54.8002

Background



This preview shows how black text looks on a background with the YUV color 115.5140, -16.0294, 54.8002.



This preview shows how white text looks on a background with the YUV color 115.5140, -16.0294,

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

115.5140, -16.0294, 54.8002

Protanopia

115.6990, -10.2046, 6.4030

Deuteranopia

115.7240, -18.1049, 20.4131



Tritanopia

116.0070, -10.3565, 55.2449

Trichromacy



Original Color

115.5140, -16.0294, 54.8002

Protanomaly

115.9400, -12.2954, 23.7316

Deuteranomaly

115.3280, -17.4167, 33.0383

Tritanomaly

116.1380, -12.3930, 55.1300

Monochromacy



Original Color

115.5140, -16.0294, 54.8002

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.2260, -6.0274, 19.9728

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.5140, -16.0294, 54.8002 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(178, 90, 83)` looks like.

```
.text, #text, p{  
    color:rgb(178, 90, 83)  
}
```

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(178, 90, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 90, 83) }
```

Border

The CSS property to change the border of an element to YUV 115.5140, -16.0294, 54.8002 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(178, 90, 83) }
```


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

```
.border{ border-color:rgb(178, 90, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 90, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 90, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 90, 83);  
box-shadow:4px 4px 4px 4px rgb(178, 90,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 115.5140, -16.0294, 54.8002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 90, 83) }
```

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

```
.background{ background-color: rgb(178, 90,  
83) }
```

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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