

Converting Colors

YUV(115.5150, -0.7469,
53.0453)

Have a look what the booklet for
YUV(115.5150, -0.7469, 53.0453)
contains.

YUV(115.5150, -0.7469, 53.0453)	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

**YUV(115.5150, -0.7469,
53.0453)**

Conversions

Conversions Part 1

Format	Color
Hex	B05572
RGB	176, 85, 114
RGB Percent	69%, 33%, 45%
CMY	0.3098, 0.6667, 0.5529
CMYK	0.00, 0.52, 0.35, 0.31
HSL	341°, 37%, 51%
HSV	341°, 52%, 69%
XYZ	24.1903, 16.9420, 17.9148
YIQ	115.5150, 44.9270, 28.3110

Conversions

Conversions Part 2

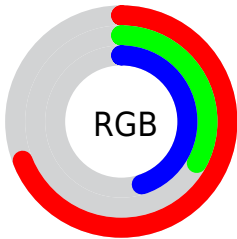
Format	Color
RYB	176, 85, 114
Decimal	11556210
CIELab	48.19, 40.19, 1.07
CIELCh	48, 40.209, 1.532
Yxy	16.9420, 0.4097, 0.2869
Android (android.graphics.Color)	4289746290 (0xFFB05572)
YUV	115.5150, -0.7469, 53.0453
Hunter-Lab	41.1607, 32.8738, 3.0071

Details

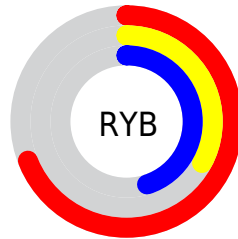
The YUV color **115.5150, -0.7469, 53.0453** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **145.4850, 0.7469, -53.0453**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3090, -1.6313, 56.7340**, and **63.3620, 1.3005, 49.6715** is the 20% darker color. If you saturate the color by 10%, you get **103.5810, -0.7794, 63.5115**, and if you desaturate by 10%, it is **127.4490, -0.7144, 42.5792**.

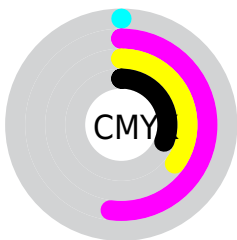
Distribution



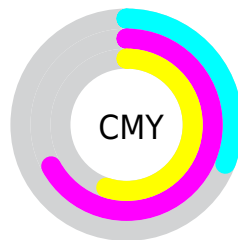
- Red (69%)
- Green (33%)
- Blue (45%)



- Red (69%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (52%)
- Yellow (35%)
- Black (31%)



- Cyan (31%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.5150, -0.7469, 53.0453 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 115.5150, -0.7469, 53.0453 by changing the saturation by 10% instead.

■ 115.5150, -0.7469,
53.0453

■ 115.5150, -0.7469,
53.0453

■ 255.0000, 0.0000,
0.0000

■ 89.7320, 0.1321,
51.1010

■ 169.3090, -1.6313,
56.7340

■ 63.3620, 1.3005,
49.6715

■ 194.5150, -0.7469,
53.0453

■ 33.9970, 4.9315,
51.7456

■ 214.1430, 3.3805,
35.8316

■ 22.7690, 0.6069,
38.7906

■ 234.3580, 7.2185,
18.1030

■ 13.2700, -6.0491,
26.9502

■ 252.0650, 1.4470,
2.5740

■ 0.0000, 0.0000,
0.0000

■ 115.5150, -0.7469,
53.0453

■ 115.5150, -0.7469,
53.0453

■ 103.5810, -0.7794,
63.5115

■ 127.4490, -0.7144,
42.5792

■ 92.2340, -1.1014,
73.4628

■ 138.7960, -0.3924,
32.6279

■ 80.3000, -1.1339,
83.9289

■ 150.7300, -0.3599,
22.1618

■ 68.9530, -1.4558,
93.8802

■ 162.0770, -0.0380,
12.2105

■ 59.0080, -1.4829,
102.6020

■ 174.0110, -0.0054,
1.7444

■ 185.9450, 0.0271,
-8.7218

■ 197.2920, 0.3490,
-18.6731

■ 209.2260, 0.3816,

-29.1392

 220.5730, 0.7035,
-39.0905

Harmonies

Analogous

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



117.7050, 14.4424, 34.4617



115.5150, -0.7469, 53.0453



114.1010, -16.3188, 54.2854

Triad

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



115.5150, -0.7469, 53.0453



107.6590, -26.4539, -8.4709



93.6840, 39.1028, -82.1609

Complementary

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



115.5150, -0.7469, 53.0453



145.4850, 0.7469, -53.0453

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.



93.8830, 27.1727, -82.3354



115.5150, -0.7469, 53.0453



100.5050, -9.6160, -42.5389

Square

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



115.5150, -0.7469, 53.0453



110.7010, -33.3766, 18.6792



90.0070, 12.3215, -78.9361



104.9750, 37.9733, -46.4591

Rectangle

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



115.5150, -0.7469, 53.0453



113.6410, -25.4590, 45.9188



90.0070, 12.3215, -78.9361



94.1740, 35.9032, -82.5906

Sweetspot

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



115.5150, -0.7469, 53.0453



205.3170, -0.6493, 21.6470



113.6130, 30.7568, 28.4034



100.3760, -0.1854, 12.8252



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



115.5150, -0.7469, 53.0453



135.0010, -0.9865, 83.3141



121.0140, -17.7549, 48.2227



83.0330, -0.0163, 5.2331



51.3330, -1.1502, 89.1620



8.6860, -0.3382, 15.1844

Inverse Universe

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



115.5150, -0.7469, 53.0453



135.0010, -0.9865, 83.3141



139.9860, 17.7549, -48.2227



83.0330, -0.0163, 5.2331



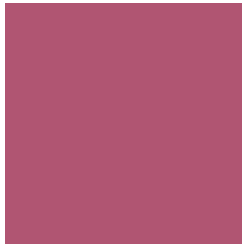
51.3330, -1.1502, 89.1620



8.6860, -0.3382, 15.1844

Previews

White Background



This preview shows how the YUV color 115.5150, -0.7469, 53.0453 looks on a white background.

Color Contrast Check

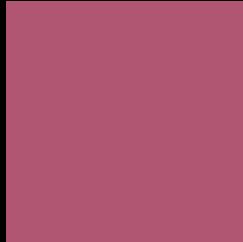
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.5150, -0.7469, 53.0453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

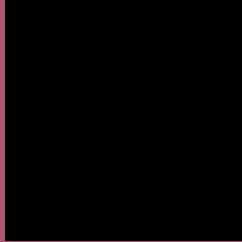
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.5150, -0.7469, 53.0453

Background



This preview shows how black text looks on a background with the YUV color 115.5150, -0.7469, 53.0453.



This preview shows how white text looks on a background with the YUV color 115.5150, -0.7469,

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

115.5150, -0.7469, 53.0453

Protanopia

115.3400, 7.7204, -2.9292

Deuteranopia

115.9690, -2.9427, 10.5512



Tritanopia

115.0990, -9.9088, 51.6562

Trichromacy



Original Color

115.5150, -0.7469, 53.0453

Protanomaly

115.0760, 4.8925, 17.4733

Deuteranomaly

115.8830, -2.4073, 25.5356

Tritanomaly

115.6090, -6.7092, 52.0859

Monochromacy



Original Color

115.5150, -0.7469, 53.0453

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0070, -0.4965, 19.2879

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.5150, -0.7469, 53.0453 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(176, 85, 114)` looks like.

```
.text, #text, p{  
    color:rgb(176, 85, 114)  
}
```

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(176, 85, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 85, 114) }
```

Border

The CSS property to change the border of an element to YUV 115.5150, -0.7469, 53.0453 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(176, 85, 114) }
```


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

```
.border{ border-color:rgb(176, 85, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 85, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 85, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 85, 114);  
box-shadow:4px 4px 4px 4px rgb(176, 85,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 115.5150, -0.7469, 53.0453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 85, 114) }
```

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

```
.background{ background-color: rgb(176, 85,  
114) }
```

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