

Converting Colors

YUV(146.9100, 3.4954, 45.6829)

Have a look what the booklet for
YUV(146.9100, 3.4954, 45.6829)
contains.

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Color

**YUV(146.9100, 3.4954,
45.6829)**

Conversions

Conversions Part 1

Format	Color
Hex	C7779A
RGB	199, 119, 154
RGB Percent	78%, 47%, 60%
CMY	0.2196, 0.5333, 0.3961
CMYK	0.00, 0.40, 0.23, 0.22
HSL	334°, 42%, 62%
HSV	334°, 40%, 78%
XYZ	35.9827, 27.6689, 34.0160
YIQ	146.9100, 36.4450, 27.8450

Conversions

Conversions Part 2

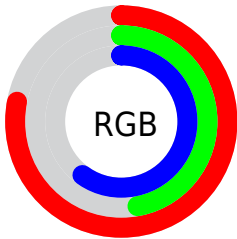
Format	Color
R _Y B	199, 119, 154
Decimal	13072282
CIE Lab	59.59, 35.89, -5.38
CIE LCh	60, 36.295, 351.471
Yxy	27.6689, 0.3684, 0.2833
Android (android.graphics.Color)	4291262362 (0xFFC7779A)
YUV	146.9100, 3.4954, 45.6829
Hunter-Lab	52.6012, 30.0539, -1.5206

Details

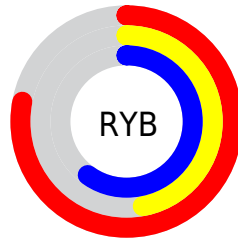
The YUV color **146.9100, 3.4954, 45.6829** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **171.0900, -3.4954, -45.6829**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5080, 3.2006, 46.9125**, and **94.4150, 4.2324, 42.6090** is the 20% darker color. If you saturate the color by 10%, you get **133.9160, 4.4784, 57.0787**, and if you desaturate by 10%, it is **159.9040, 2.5123, 34.2872**.

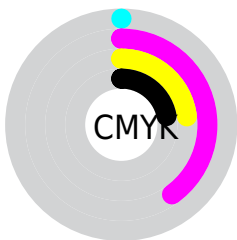
Distribution



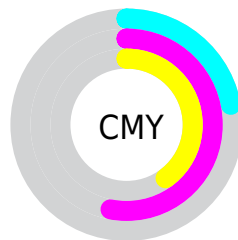
- Red (78%)
- Green (47%)
- Blue (60%)



- Red (78%)
- Yellow (47%)
- Blue (60%)



- Cyan (0%)
- Magenta (40%)
- Yellow (23%)
- Black (22%)





- Cyan (22%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.9100, 3.4954, 45.6829 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 146.9100, 3.4954, 45.6829 by changing the saturation by 10% instead.


 146.9100, 3.4954,
45.6829

 146.9100, 3.4954,
45.6829


255.0000, 0.0000,
0.0000

 120.3120, 3.7902,
44.4534

 201.5080, 3.2006,
46.9125

 94.4150, 4.2324,
42.6090


 220.6630, 8.0541,
30.1135

 69.5180, 4.6746,
40.7647

 239.7380, 7.5242,
13.3848

 43.8600, 5.9850,
40.4648

 23.4250, 5.7065,
36.4613

 14.6380, -0.8075,
25.7505

 0.0000, 0.0000,

0.0000

■ 146.9100, 3.4954,
45.6829

■ 146.9100, 3.4954,
45.6829

■ 133.9160, 4.4784,
57.0787

■ 159.9040, 2.5123,
34.2872

■ 120.9220, 5.4615,
68.4744

■ 172.8980, 1.5293,
22.8915

■ 107.8140, 6.0077,
79.9701

■ 186.0060, 0.9830,
11.3957

■ 94.8200, 6.9907,
91.3659

■ 199.0000, 0.0000,
0.0000

■ 82.4130, 7.6844,
102.2468

■ 211.9940, -0.9830,
-11.3957

■ 69.4190, 8.6674,
113.6425

■ 224.4010, -1.6767,
-22.2767

■ 235.6340, -1.7916,
-32.1280

■ 237.0020, 3.4500,
-33.3278

■ 238.2560, 8.2548,
-34.4275

Harmonies

Analogous

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



147.8500, 17.8220, 23.8106



146.9100, 3.4954, 45.6829



145.0560, -11.3666, 52.5709

Triad

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



146.9100, 3.4954, 45.6829



139.0840, -27.6494, 1.6803



114.1610, 38.8676, -100.1192

Complementary

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



146.9100, 3.4954, 45.6829



171.0900, -3.4954, -45.6829

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.



112.8440, 26.2059, -98.9642



146.9100, 3.4954, 45.6829



134.4100, -15.4851, -26.6696

Square

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



146.9100, 3.4954, 45.6829



141.5540, -30.3461, 26.7011



126.4240, 3.2420, -60.0078



133.9700, 35.5108, -49.9627

Rectangle

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



146.9100, 3.4954, 45.6829



144.3300, -20.3757, 48.8226



126.4240, 3.2420, -60.0078



113.8360, 35.0839, -99.8342

Sweetspot

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



146.9100, 3.4954, 45.6829



234.8650, 1.5456, 17.6584



141.2760, 28.4579, 19.0519



116.1800, 0.4043, 10.3661



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



146.9100, 3.4954, 45.6829



175.5200, 5.1666, 69.7040



145.2680, -12.9501, 47.1230



93.1470, 0.4205, 5.1331



56.8310, 6.9853, 93.1102



12.5880, 1.6821, 20.5323

Inverse Universe

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



146.9100, 3.4954, 45.6829



175.5200, 5.1666, 69.7040



172.7320, 12.9501, -47.1230



93.1470, 0.4205, 5.1331



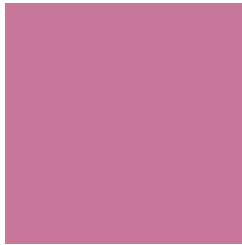
56.8310, 6.9853, 93.1102



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 146.9100, 3.4954, 45.6829 looks on a white background.

Color Contrast Check

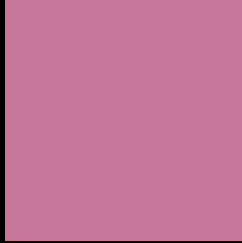
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 146.9100, 3.4954, 45.6829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

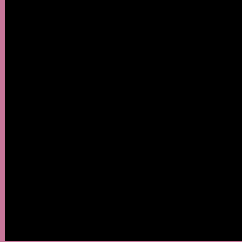
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.9100, 3.4954, 45.6829

Background



This preview shows how black text looks on a background with the YUV color 146.9100, 3.4954, 45.6829.



This preview shows how white text looks on a background with the YUV color 146.9100, 3.4954,

45.6829.

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

146.9100, 3.4954, 45.6829

Protanopia

144.7680, 11.9464, -5.0585

Deuteranopia

145.6250, 2.1569, 8.2219



Tritanopia

146.1520, -6.9769, 44.5937

Trichromacy



Original Color

146.9100, 3.4954, 45.6829

Protanomaly

145.4930, 9.1240, 13.5996

Deuteranomaly

145.8270, 2.5503, 22.0767

Tritanomaly

146.7760, -3.3406, 44.9234

Monochromacy



Original Color

146.9100, 3.4954, 45.6829

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.1530, 1.4036, 16.5288

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.9100, 3.4954, 45.6829 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(199, 119, 154)` looks like.

```
.text, #text, p{  
    color:rgb(199, 119, 154)  
}
```

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(199, 119, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 119, 154) }
```

Border

The CSS property to change the border of an element to YUV 146.9100, 3.4954, 45.6829 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(199, 119, 154) }
```


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

```
.border{ border-color:rgb(199, 119, 154) }
```

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

Here you see how a box with a 4 pixel rgb(199, 119, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 119, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 119, 154);  
box-shadow:4px 4px 4px 4px rgb(199, 119,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 146.9100, 3.4954, 45.6829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 119, 154) }
```

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

```
.background{ background-color: rgb(199,  
119, 154) }
```

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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