

Converting Colors

YUV(116.2890, -4.5795,
69.0295)

Have a look what the booklet for
YUV(116.2890, -4.5795, 69.0295)
contains.

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Color

**YUV(116.2890, -4.5795,
69.0295)**

Conversions

Conversions Part 1

Format	Color
Hex	C34E6B
RGB	195, 78, 107
RGB Percent	76%, 31%, 42%
CMY	0.2353, 0.6941, 0.5804
CMYK	0.00, 0.60, 0.45, 0.24
HSL	345°, 49%, 54%
HSV	345°, 60%, 76%
XYZ	27.8839, 18.1124, 15.9363
YIQ	116.2890, 60.4230, 33.8230

Conversions

Conversions Part 2

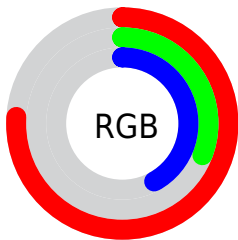
Format	Color
R_{YB}	195, 78, 107
Decimal	12799595
CIE _{Lab}	49.63, 49.33, 7.76
CIE _{LCh}	50, 49.941, 8.938
Yxy	18.1124, 0.4502, 0.2925
Android (android.graphics.Color)	4290989675 (0xFFC34E6B)
YUV	116.2890, -4.5795, 69.0295
Hunter-Lab	42.5587, 42.4732, 7.5896

Details

The YUV color **116.2890, -4.5795, 69.0295** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **156.7110, 4.5795, -69.0295**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.7410, -6.7743, 73.0181**, and **58.9560, 0.5147, 68.4446** is the 20% darker color. If you saturate the color by 10%, you get **103.4260, -5.6330, 80.3104**, and if you desaturate by 10%, it is **129.7390, -3.8153, 57.2339**.

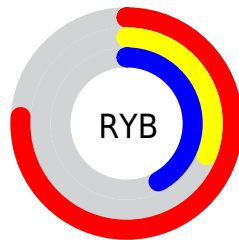
Distribution



Red (76%)

Green (31%)

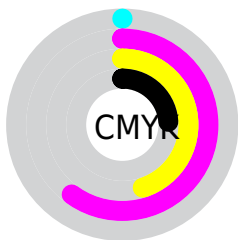
Blue (42%)



Red (76%)

Yellow (31%)

Blue (42%)

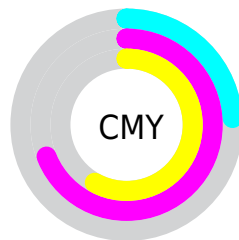


Cyan (0%)

Magenta (60%)

Yellow (45%)

Black (24%)



Cyan (24%)


Magenta (69%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.2890, -4.5795, 69.0295 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 116.2890, -4.5795, 69.0295 by changing the saturation by 10% instead.

 116.2890, -4.5795,
69.0295


 116.2890, -4.5795,
69.0295

255.0000, 0.0000,
0.0000


 89.0330, -2.9743,
67.5001


 171.7410, -6.7743,
73.0181


 58.9560, 0.5147,
68.4446


 190.6680, -2.7943,
56.4192


 36.7380, 1.1152,
62.4968


 210.2960, 1.3331,
39.2054

 25.9720, -3.9302,
47.3826

 230.5110, 5.1711,
21.4769

 16.9720, -7.3812,
34.2276

 249.1300, 2.8939,
5.1480

 3.5880, -1.7689,
7.3773

 0.0000, 0.0000,

0.0000

■ 116.2890, -4.5795,
69.0295

■ 116.2890, -4.5795,
69.0295

■ 103.4260, -5.6330,
80.3104

■ 129.7390, -3.8153,
57.2339

■ 90.0900, -5.9604,
92.0061

■ 142.4880, -3.1986,
46.0530

■ 76.6400, -6.7245,
103.8017

■ 155.3510, -2.1450,
34.7722

■ 63.7770, -7.7781,
115.0826

■ 168.8010, -1.3809,
22.9765

■ 182.1370, -1.0535,
11.2809

■ 195.0000, 0.0000,
0.0000

■ 208.4500, 0.7642,
-11.7956

■ 221.1990, 1.3809,
-22.9765

■ 234.6490, 2.1450,
-34.7722

Harmonies

Analogous

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



119.8150, 14.3882, 51.9052



116.2890, -4.5795, 69.0295



115.5060, -23.9135, 63.5772

Triad

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



116.2890, -4.5795, 69.0295



106.4850, -29.3261, -20.5963



99.3550, 48.1390, -87.1343

Complementary

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



116.2890, -4.5795, 69.0295



156.7110, 4.5795, -69.0295

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.



99.7990, 34.6091, -87.5237



116.2890, -4.5795, 69.0295



89.6360, -1.7925, -78.6108

Square

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



116.2890, -4.5795, 69.0295



111.4480, -43.1119, 14.5161



95.8260, 16.8478, -84.0394



108.7280, 45.9831, -48.8735

Rectangle

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



116.2890, -4.5795, 69.0295



115.1550, -35.0794, 51.6071



95.8260, 16.8478, -84.0394



99.7310, 44.5026, -87.4641

Sweetspot

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



116.2890, -4.5795, 69.0295



221.7090, -1.8285, 26.5652



117.6500, 38.1336, 42.4030



108.4690, -1.2172, 17.1287



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.



116.2890, -4.5795, 69.0295



130.2490, -7.0248, 106.7756



130.0060, -25.6390, 56.9997



90.3320, -0.1637, 5.8478



52.6990, -6.2606, 94.9800



10.7790, -1.3700, 19.4878

Inverse Universe

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



116.2890, -4.5795, 69.0295



130.2490, -7.0248, 106.7756



142.9940, 25.6390, -56.9997



90.3320, -0.1637, 5.8478



52.6990, -6.2606, 94.9800



10.7790, -1.3700, 19.4878

Previews

White Background



This preview shows how the YUV color 116.2890, -4.5795, 69.0295 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 116.2890, -4.5795, 69.0295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

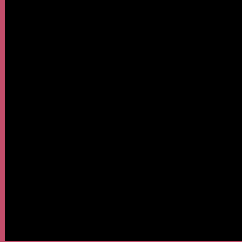
Any Text WCAG AA ✓ Pass

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 116.2890, -4.5795, 69.0295 Background



This preview shows how black text looks on a background with the YUV color 116.2890, -4.5795, 69.0295.



This preview shows how white text looks on a background with the YUV color 116.2890, -4.5795,

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

116.2890, -4.5795, 69.0295

Protanopia

119.2540, 4.8048, -1.0998

Deuteranopia

119.0960, -8.9213, 14.8248



Tritanopia

116.0580, -14.3256, 68.3551

Trichromacy



Original Color

116.2890, -4.5795, 69.0295

Protanomaly

117.9090, 1.5239, 24.6358

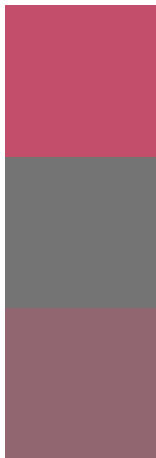
Deuteranomaly

117.9720, -7.3812, 34.2276

Tritanomaly

116.2690, -10.9786, 68.1701

Monochromacy



Original Color

116.2890, -4.5795, 69.0295

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1110, -1.5337, 25.3357

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2890, -4.5795, 69.0295 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(195, 78, 107)` looks like.

```
.text, #text, p{  
    color:rgb(195, 78, 107)  
}
```

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(195, 78, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 78, 107) }
```

Border

The CSS property to change the border of an element to YUV 116.2890, -4.5795, 69.0295 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(195, 78, 107) }
```


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

```
.border{ border-color:rgb(195, 78, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 78, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 78, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 78, 107); box-shadow:4px 4px 4px 4px rgb(195, 78, 107) }
```

Background

The CSS property to change the background color of an element to YUV 116.2890, -4.5795, 69.0295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 78, 107) }
```

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

```
.background{ background-color: rgb(195, 78,  
107) }
```

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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