

Converting Colors

YUV(116.6290, 3.1409, 66.1004)

Have a look what the booklet for
YUV(116.6290, 3.1409, 66.1004)
contains.

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Color

**YUV(116.6290, 3.1409,
66.1004)**

Conversions

Conversions Part 1

Format	Color
Hex	C04D7B
RGB	192, 77, 123
RGB Percent	75%, 30%, 48%
CMY	0.2471, 0.6980, 0.5176
CMYK	0.00, 0.60, 0.36, 0.25
HSL	336°, 48%, 53%
HSV	336°, 60%, 75%
XYZ	27.9673, 17.9443, 20.7284
YIQ	116.6290, 53.7740, 38.6860

Conversions

Conversions Part 2

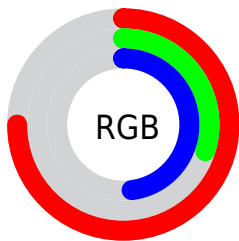
Format	Color
R_{YB}	192, 77, 123
Decimal	12602747
CIE Lab	49.43, 50.54, -2.25
CIE LCh	49, 50.594, 357.456
Yxy	17.9443, 0.4197, 0.2693
Android (android.graphics.Color)	4290792827 (0xFFC04D7B)
YUV	116.6290, 3.1409, 66.1004
Hunter-Lab	42.3607, 43.7176, 0.6400

Details

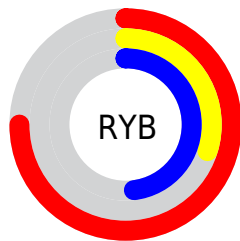
The YUV color **116.6290, 3.1409, 66.1004** is a dark color, and the websafe version is hex **CC6699**. The color can be described as dark muted rose. A complement of this color would be **152.3710, -3.1409, -66.1004**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8960, 1.5303, 69.3742**, and **58.7800, 7.5035, 66.8449** is the 20% darker color. If you saturate the color by 10%, you get **104.1080, 3.3978, 77.0813**, and if you desaturate by 10%, it is **129.1500, 2.8841, 55.1195**.

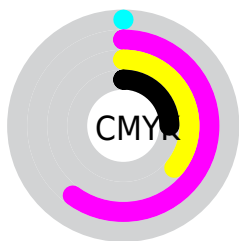
Distribution



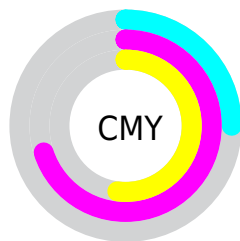
- Red (75%)
- Green (30%)
- Blue (48%)



- Red (75%)
- Yellow (30%)
- Blue (48%)



- Cyan (0%)
- Magenta (60%)
- Yellow (36%)
- Black (25%)





- Cyan (25%)
- Magenta (70%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.6290, 3.1409, 66.1004 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 116.6290, 3.1409, 66.1004 by changing the saturation by 10% instead.


 116.6290, 3.1409,
66.1004

 116.6290, 3.1409,
66.1004


255.0000, 0.0000,
0.0000


 88.6720, 4.5987,
65.1857


 171.8960, 1.5303,
69.3742


 58.7800, 7.5035,
66.8449


 192.7200, 5.0680,
54.6196

 37.9210, 6.9409,
60.5823


 212.3480, 9.1954,
37.4058

 27.1550, 1.8956,
45.4681

 231.5200, 11.5756,
20.5920

 17.3140, -6.0708,
33.9276

 248.5430, 3.1833,
5.6628

 3.8870, -1.9163,
7.9921

 0.0000, 0.0000,

0.0000

■ 116.6290, 3.1409,
66.1004

■ 116.6290, 3.1409,
66.1004

■ 104.1080, 3.3978,
77.0813

■ 129.1500, 2.8841,
55.1195

■ 91.7010, 4.0914,
87.9622

■ 141.5570, 2.1904,
44.2385

■ 78.5930, 4.6377,
99.4579

■ 154.6650, 1.6442,
32.7428

■ 66.1860, 5.3313,
110.3389

■ 167.0720, 0.9505,
21.8619

■ 179.5930, 0.6937,
10.8809

■ 192.0000, 0.0000,
0.0000

■ 204.5210, -0.2569,
-10.9809

■ 217.5150, -1.2399,
-22.3767

■ 230.0360, -1.4967,
-33.3576

Harmonies

Analogous

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



120.5730, 21.4095, 39.8395



116.6290, 3.1409, 66.1004



114.7870, -16.6570, 69.4698

Triad

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



116.6290, 3.1409, 66.1004



108.6240, -36.7896, -6.6862



99.6170, 44.0658, -87.3641

Complementary

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



116.6290, 3.1409, 66.1004



152.3710, -3.1409, -66.1004

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.



98.7900, 28.2045, -86.6388



116.6290, 3.1409, 66.1004



97.8860, -14.2408, -52.5200

Square

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



116.6290, 3.1409, 66.1004



112.1830, -44.4602, 27.0265



93.7740, 8.9854, -82.2398



95.9300, 52.7855, -84.1306

Rectangle

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



116.6290, 3.1409, 66.1004



114.9910, -29.5756, 59.6439



93.7740, 8.9854, -82.2398



99.7650, 39.5559, -87.4939

Sweetspot

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



116.6290, 3.1409, 66.1004



220.5070, 1.2290, 25.8654



110.7410, 40.0607, 30.9221



106.6260, 0.6774, 16.1140



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



116.6290, 3.1409, 66.1004



132.0280, 4.9162, 103.4614



118.4290, -20.4245, 64.5218



90.4460, 0.2731, 5.7479



55.4350, 4.2225, 92.5805



11.3490, 0.8139, 18.9879

Inverse Universe

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



116.6290, 3.1409, 66.1004



132.0280, 4.9162, 103.4614



150.5710, 20.4245, -64.5218



90.4460, 0.2731, 5.7479



55.4350, 4.2225, 92.5805



11.3490, 0.8139, 18.9879

Previews

White Background



This preview shows how the YUV color 116.6290, 3.1409, 66.1004 looks on a white background.

Color Contrast Check

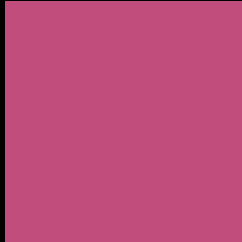
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.6290, 3.1409, 66.1004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

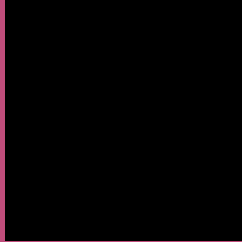
Any Text WCAG AA ✓ Pass

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 116.6290, 3.1409, 66.1004 Background



This preview shows how black text looks on a background with the YUV color 116.6290, 3.1409, 66.1004.



This preview shows how white text looks on a background with the YUV color 116.6290, 3.1409,

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

116.6290, 3.1409, 66.1004

Protanopia

118.7400, 14.4252, -6.7880

Deuteranopia

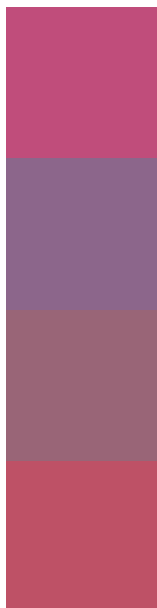
119.1260, -1.0481, 9.5365



Tritanopia

116.0790, -12.8569, 63.9517

Trichromacy



Original Color

116.6290, 3.1409, 66.1004

Protanomaly

117.5800, 10.5601, 19.6623

Deuteranomaly

118.6000, 0.1972, 30.1688

Tritanomaly

115.9850, -6.8946, 64.9112

Monochromacy



Original Color

116.6290, 3.1409, 66.1004

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.4960, 1.2345, 24.1210

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.6290, 3.1409, 66.1004 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(192, 77, 123)` looks like.

```
.text, #text, p{  
    color:rgb(192, 77, 123)  
}
```

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(192, 77, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 77, 123) }
```

Border

The CSS property to change the border of an element to YUV 116.6290, 3.1409, 66.1004 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(192, 77, 123) }
```


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

```
.border{ border-color:rgb(192, 77, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 77, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 77, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 77, 123);  
box-shadow:4px 4px 4px 4px rgb(192, 77,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 116.6290, 3.1409, 66.1004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 77, 123) }
```

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

```
.background{ background-color: rgb(192, 77,  
123) }
```

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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