

Converting Colors

YUV(116.0790, -5.9549,
90.2617)

Have a look what the booklet for
YUV(116.0790, -5.9549, 90.2617)
contains.

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Color

**YUV(116.0790, -5.9549,
90.2617)**

Conversions

Conversions Part 1

Format	Color
Hex	DB4268
RGB	219, 66, 104
RGB Percent	86%, 26%, 41%
CMY	0.1412, 0.7412, 0.5922
CMYK	0.00, 0.70, 0.53, 0.14
HSL	345°, 68%, 56%
HSV	345°, 70%, 86%
XYZ	33.6603, 19.9560, 15.1745
YIQ	116.0790, 78.9900, 44.2540

Conversions

Conversions Part 2

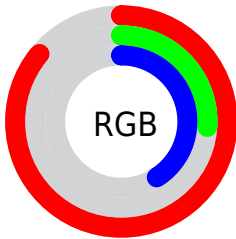
Format	Color
R_{YB}	219, 66, 104
Decimal	14369384
CIE _{Lab}	51.79, 61.56, 13.18
CIE _{LCh}	52, 62.959, 12.086
Yxy	19.9560, 0.4893, 0.2901
Android (android.graphics.Color)	4292559464 (0xFFDB4268)
YUV	116.0790, -5.9549, 90.2617
Hunter-Lab	44.6721, 56.3231, 11.1305

Details

The YUV color **116.0790, -5.9549, 90.2617** 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 **168.9210, 5.9549, -90.2617**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7030, -5.7696, 77.4365**, and **53.7400, 1.6072, 91.4360** is the 20% darker color. If you saturate the color by 10%, you get **101.3410, -6.5771, 103.1869**, and if you desaturate by 10%, it is **130.8170, -5.3328, 77.3365**.

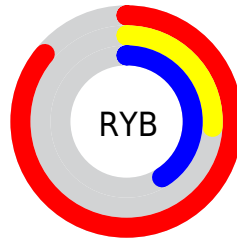
Distribution



Red (86%)

Green (26%)

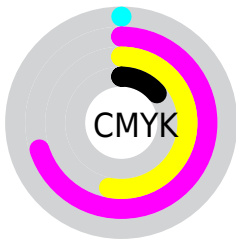
Blue (41%)



Red (86%)

Yellow (26%)

Blue (41%)

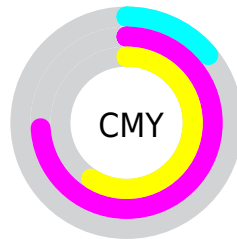


Cyan (0%)

Magenta (70%)

Yellow (53%)

Black (14%)



Cyan (14%)

Magenta (74%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.0790, -5.9549, 90.2617 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 116.0790, -5.9549, 90.2617 by changing the saturation by 10% instead.

 116.0790, -5.9549,
90.2617


 116.0790, -5.9549,
90.2617


255.0000, 0.0000,
0.0000


 84.1160, -2.0292,
91.1063


 166.7030, -5.7696,
77.4365

 53.7400, 1.6072,
91.4360


 186.2170, -2.0790,
60.3227


 42.3760, -3.1434,
75.0922


 206.3180, 1.3222,
42.6941

 31.1260, -7.4571,
58.6485

 226.5330, 5.1602,
24.9656

 21.1580, -9.4449,
42.8344

 245.6080, 4.6303,
8.2368

 11.7750, -5.3121,
23.8763

 0.0000, 0.0000,

0.0000

■ 116.0790, -5.9549,
90.2617

■ 116.0790, -5.9549,
90.2617

■ 101.3410, -6.5771,
103.1869

■ 130.8170, -5.3328,
77.3365

■ 86.4890, -7.6361,
116.2121

■ 145.6690, -4.2738,
64.3113

■ 71.7510, -8.2582,
129.1374

■ 160.4070, -3.6517,
51.3861

■ 71.6370, -8.6950,
129.2374

■ 175.2590, -2.5927,
38.3609

■ 189.9970, -1.9705,
25.4356

■ 204.2620, -0.6222,
12.9252

■ 219.0000, 0.0000,
0.0000

■ 233.8520, 1.0590,
-13.0252

■ 243.8940, 3.9963,
-21.8320

Harmonies

Analogous

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



121.5600, 17.9649, 71.4229



116.0790, -5.9549, 90.2617



117.8300, -31.9612, 78.2021

Triad

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



116.0790, -5.9549, 90.2617



105.6760, -35.8293, -34.7959



106.7700, 58.7804, -93.6373

Complementary

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



116.0790, -5.9549, 90.2617



168.9210, 5.9549, -90.2617

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.



107.9320, 42.9245, -94.6564



116.0790, -5.9549, 90.2617



95.7340, -3.8129, -83.9587

Square

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



116.0790, -5.9549, 90.2617



113.4080, -55.9101, 12.7972



103.2920, 20.0690, -90.5871



105.5970, 61.3307, -71.5606

Rectangle

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



116.0790, -5.9549, 90.2617



117.3660, -48.4944, 61.0690



103.2920, 20.0690, -90.5871



108.3200, 54.5652, -94.9966

Sweetspot

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



116.0790, -5.9549, 90.2617



218.7420, -1.8448, 31.7983



117.8270, 49.8783, 55.4027



106.4800, -1.2226, 18.8730



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.



116.0790, -5.9549, 90.2617



111.0280, -8.3948, 126.2634



134.0530, -33.5501, 74.4985



102.5170, -0.7479, 6.5626



56.6290, -6.7191, 102.0574



15.0080, -1.9759, 27.1800

Inverse Universe

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



116.0790, -5.9549, 90.2617



111.0280, -8.3948, 126.2634



150.9470, 33.5501, -74.4985



102.5170, -0.7479, 6.5626



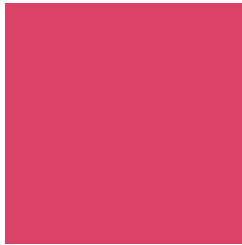
56.6290, -6.7191, 102.0574



15.0080, -1.9759, 27.1800

Previews

White Background



This preview shows how the YUV color 116.0790, -5.9549, 90.2617 looks on a white background.

Color Contrast Check

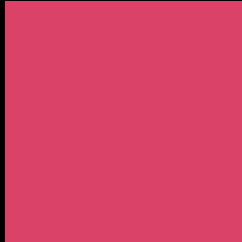
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.0790, -5.9549, 90.2617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

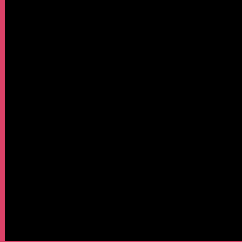
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.0790, -5.9549, 90.2617

Background



This preview shows how black text looks on a background with the YUV color 116.0790, -5.9549, 90.2617.



This preview shows how white text looks on a background with the YUV color 116.0790, -5.9549,

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

116.0790, -5.9549, 90.2617

Protanopia

124.2540, 4.8048, -1.0998

Deuteranopia

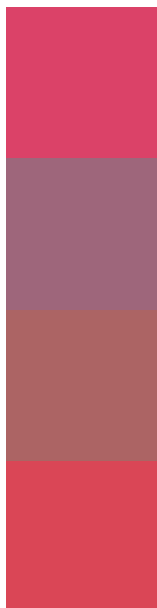
124.2660, -13.4421, 18.1837



Tritanopia

115.8110, -19.6268, 88.7428

Trichromacy



Original Color

116.0790, -5.9549, 90.2617

Protanomaly

121.1380, 0.9180, 32.3280

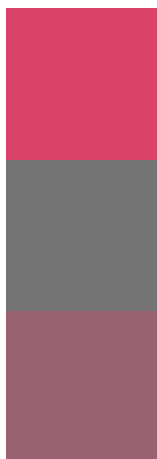
Deuteranomaly

121.5280, -10.6133, 44.2639

Tritanomaly

116.0760, -14.8275, 89.3873

Monochromacy



Original Color

116.0790, -5.9549, 90.2617

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0410, -1.9922, 32.4130

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.0790, -5.9549, 90.2617 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(219, 66, 104)` looks like.

```
.text, #text, p{  
    color:rgb(219, 66, 104)  
}
```

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(219, 66, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 66, 104) }
```

Border

The CSS property to change the border of an element to YUV 116.0790, -5.9549, 90.2617 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(219, 66, 104) }
```


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

```
.border{ border-color:rgb(219, 66, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 66, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 66, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 66, 104);  
box-shadow:4px 4px 4px 4px rgb(219, 66,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 116.0790, -5.9549, 90.2617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 66, 104) }
```

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

```
.background{ background-color: rgb(219, 66,  
104) }
```

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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