

Converting Colors

YUV(109.1260, -4.0061,
71.8035)

Have a look what the booklet for
YUV(109.1260, -4.0061, 71.8035)
contains.

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Color

**YUV(109.1260, -4.0061,
71.8035)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4565
RGB	191, 69, 101
RGB Percent	75%, 27%, 40%
CMY	0.2510, 0.7294, 0.6039
CMYK	0.00, 0.64, 0.47, 0.25
HSL	344°, 49%, 51%
HSV	344°, 64%, 75%
XYZ	25.9629, 16.2722, 14.0844
YIQ	109.1260, 62.4400, 35.8160

Conversions

Conversions Part 2

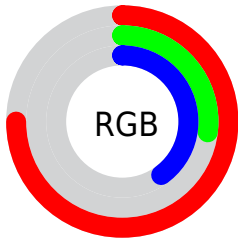
Format	Color
R_{YB}	191, 69, 101
Decimal	12535141
CIE _{Lab}	47.33, 51.45, 8.04
CIE _{LCh}	47, 52.073, 8.883
Yxy	16.2722, 0.4610, 0.2889
Android (android.graphics.Color)	4290725221 (0xFFBF4565)
YUV	109.1260, -4.0061, 71.8035
Hunter-Lab	40.3388, 44.2936, 7.5360

Details

The YUV color **109.1260, -4.0061, 71.8035** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **150.8740, 4.0061, -71.8035**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5780, -6.2010, 75.7921**, and **46.0370, 4.4188, 76.2666** is the 20% darker color. If you saturate the color by 10%, you get **96.3770, -4.6229, 82.9844**, and if you desaturate by 10%, it is **121.8750, -3.3894, 60.6226**.

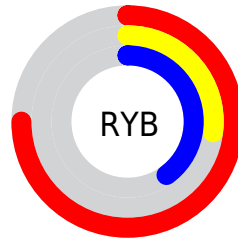
Distribution



Red (75%)

Green (27%)

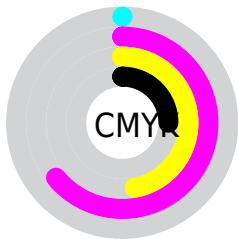
Blue (40%)



Red (75%)

Yellow (27%)

Blue (40%)

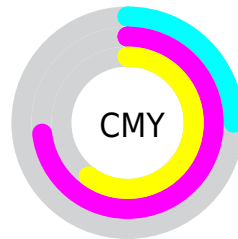


Cyan (0%)

Magenta (64%)

Yellow (47%)

Black (25%)



Cyan (25%)


Magenta (73%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.1260, -4.0061, 71.8035 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 109.1260, -4.0061, 71.8035 by changing the saturation by 10% instead.

 109.1260, -4.0061,
71.8035


 109.1260, -4.0061,
71.8035


255.0000, 0.0000,
0.0000

 80.6960, -1.8221,
71.3036


 164.5780, -6.2010,
75.7921


 46.0370, 4.4188,
76.2666


 185.1740, -3.5368,
61.2374

 34.9720, -0.4792,
60.5376

 204.8020, 0.5906,
44.0236

 23.9780, -6.3982,
45.6233

 224.4300, 4.7180,
26.8099

 15.1780, -6.4968,
30.5389

 243.8470, 5.4984,
9.7812

 0.0000, 0.0000,
0.0000

■ 109.1260, -4.0061,
71.8035

■ 109.1260, -4.0061,
71.8035

■ 96.3770, -4.6229,
82.9844

■ 121.8750, -3.3894,
60.6226

■ 83.6280, -5.2396,
94.1652

■ 134.6240, -2.7726,
49.4418

■ 70.8790, -5.8563,
105.3461

■ 147.3730, -2.1559,
38.2609

■ 62.8090, -6.3148,
112.4235

■ 160.1220, -1.5391,
27.0800

■ 173.4580, -1.2118,
15.3843

■ 186.3210, -0.1583,
4.1035

■ 199.0700, 0.4585,
-7.0774

■ 211.8190, 1.0752,

-18.2583

■ 224.5680, 1.6920,
-29.4391

Harmonies

Analogous

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



113.4670, 15.5458, 53.9644



109.1260, -4.0061, 71.8035



108.7020, -24.5031, 66.0363

Triad

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



109.1260, -4.0061, 71.8035



100.1320, -30.6311, -22.0408



95.4910, 48.5649, -83.7456

Complementary

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



109.1260, -4.0061, 71.8035



150.8740, 4.0061, -71.8035

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.



95.8210, 34.5982, -84.0350



109.1260, -4.0061, 71.8035



85.9030, -3.4032, -75.3369

Square

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



109.1260, -4.0061, 71.8035



104.3080, -47.4798, 15.5159



92.2070, 15.6739, -80.8655



98.8840, 49.3572, -57.7803

Rectangle

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



109.1260, -4.0061, 71.8035



108.5250, -36.2478, 53.0366



92.2070, 15.6739, -80.8655



96.4540, 44.6392, -84.5902

Sweetspot

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



109.1260, -4.0061, 71.8035



215.5350, -1.2498, 27.5948



109.5190, 40.1701, 42.5178



105.5830, -0.7804, 17.0287



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.



109.1260, -4.0061, 71.8035



119.5100, -6.1674, 111.8087



121.9140, -26.0866, 60.5884



87.9190, -0.4531, 5.3330



51.9160, -5.3816, 93.0357



10.1810, -1.0752, 18.2583

Inverse Universe

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



109.1260, -4.0061, 71.8035



119.5100, -6.1674, 111.8087



138.0860, 26.0866, -60.5884



87.9190, -0.4531, 5.3330



51.9160, -5.3816, 93.0357



10.1810, -1.0752, 18.2583

Previews

White Background



This preview shows how the YUV color 109.1260, -4.0061, 71.8035 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 109.1260, -4.0061, 71.8035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

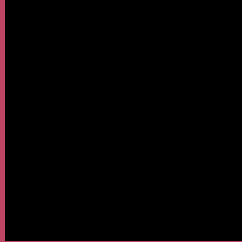
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.1260, -4.0061, 71.8035

Background



This preview shows how black text looks on a background with the YUV color 109.1260, -4.0061, 71.8035.



This preview shows how white text looks on a background with the YUV color 109.1260, -4.0061,

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

109.1260, -4.0061, 71.8035

Protanopia

113.1830, 5.8258, -1.9145

Deuteranopia

113.6830, -9.2107, 14.3100



Tritanopia

109.1400, -15.3520, 70.9142

Trichromacy



Original Color

109.1260, -4.0061, 71.8035

Protanomaly

111.4360, 2.2501, 25.0506

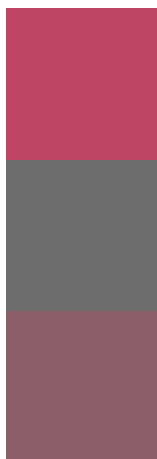
Deuteranomaly

111.6840, -7.2392, 35.3571

Tritanomaly

108.8780, -11.2789, 71.1440

Monochromacy



Original Color

109.1260, -4.0061, 71.8035

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8230, -1.3917, 26.4652

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1260, -4.0061, 71.8035 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(191, 69, 101)` looks like.

```
.text, #text, p{  
    color:rgb(191, 69, 101)  
}
```

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(191, 69, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 69, 101) }
```

Border

The CSS property to change the border of an element to YUV 109.1260, -4.0061, 71.8035 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(191, 69, 101) }
```


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

```
.border{ border-color:rgb(191, 69, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 69, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 69, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 69, 101);  
box-shadow:4px 4px 4px 4px rgb(191, 69,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 109.1260, -4.0061, 71.8035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 69, 101) }
```

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

```
.background{ background-color: rgb(191, 69,  
101) }
```

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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