

Converting Colors

YUV(109.0180, -0.0089,
96.4542)

Have a look what the booklet for
YUV(109.0180, -0.0089, 96.4542)
contains.

YUV(109.0180, -0.0089, 96.4542)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(109.0180, -0.0089,
96.4542)**

Conversions

Conversions Part 1

Format	Color
Hex	DB356D
RGB	219, 53, 109
RGB Percent	86%, 21%, 43%
CMY	0.1412, 0.7922, 0.5725
CMYK	0.00, 0.76, 0.50, 0.14
HSL	340°, 70%, 53%
HSV	340°, 76%, 86%
XYZ	33.2468, 18.7104, 16.3272
YIQ	109.0180, 80.9600, 52.6080

Conversions

Conversions Part 2

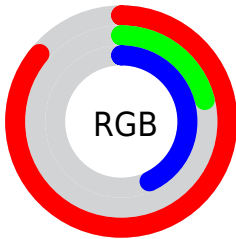
Format	Color
R_{YB}	219, 53, 109
Decimal	14366061
CIE _{Lab}	50.35, 66.32, 8.14
CIE _{LCh}	50, 66.816, 6.994
Yxy	18.7104, 0.4869, 0.2740
Android (android.graphics.Color)	4292556141 (0xFFDB356D)
YUV	109.0180, -0.0089, 96.4542
Hunter-Lab	43.2555, 61.5006, 7.8994

Details

The YUV color **109.0180, -0.0089, 96.4542** 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 **162.9820, 0.0089, -96.4542**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4030, -0.6917, 82.0846**, and **54.3100, 3.7912, 90.9361** is the 20% darker color. If you saturate the color by 10%, you get **94.3940, -0.1942, 109.2795**, and if you desaturate by 10%, it is **123.6420, 0.1765, 83.6290**.

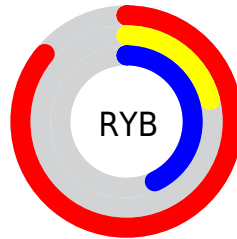
Distribution



Red (86%)

Green (21%)

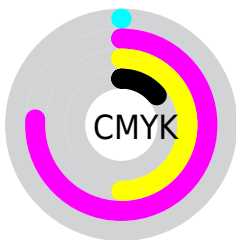
Blue (43%)



Red (86%)

Yellow (21%)

Blue (43%)

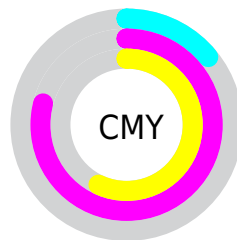


Cyan (0%)

Magenta (76%)

Yellow (50%)

Black (14%)



Cyan (14%)


Magenta (79%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.0180, -0.0089, 96.4542 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 109.0180, -0.0089, 96.4542 by changing the saturation by 10% instead.


 109.0180, -0.0089,
96.4542

 109.0180, -0.0089,
96.4542


255.0000, 0.0000,
0.0000


 68.2500, 8.2577,
105.0208


 161.4030, -0.6917,
82.0846


 54.3100, 3.7912,
90.9361


 181.5040, 2.7095,
64.4560


 42.9460, -0.9594,
74.5924


 201.7190, 6.5475,
46.7274

 31.6960, -5.2731,
58.1486

 221.9340, 10.3855,
28.9989

 21.5710, -9.1555,
43.3492

 240.9120, 6.9454,
12.3552

 11.4760, -5.1647,
23.2615

 0.0000, 0.0000,

0.0000

■ 109.0180, -0.0089,
96.4542

■ 109.0180, -0.0089,
96.4542

■ 94.3940, -0.1942,
109.2795

■ 123.6420, 0.1765,
83.6290

■ 79.8840, 0.0572,
122.0047

■ 138.1520, -0.0749,
70.9037

■ 73.9170, 0.0409,
127.2378

■ 152.7760, 0.1104,
58.0784

■ 167.2860, -0.1410,
45.3532

■ 181.9100, 0.0444,
32.5279

■ 195.8330, 0.0823,
20.3175

■ 210.4570, 0.2677,
7.4922

■ 224.9670, 0.0163,
-5.2331

■ 239.5910, 0.2016,
-18.0583

Harmonies

Analogous

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



117.6290, 23.3539, 69.6084



109.0180, -0.0089, 96.4542



111.2100, -28.2045, 86.6388

Triad

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



109.0180, -0.0089, 96.4542



100.8160, -48.2233, -26.1486



106.6560, 58.3436, -93.5373

Complementary

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



109.0180, -0.0089, 96.4542



162.9820, 0.0089, -96.4542

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.



105.8460, 40.0089, -92.8269



109.0180, -0.0089, 96.4542



91.5620, -9.6441, -80.2999

Square

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



109.0180, -0.0089, 96.4542



111.3810, -54.9108, 18.9599



100.1630, 15.6956, -87.8430



98.8770, 66.6156, -86.7151

Rectangle

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



109.0180, -0.0089, 96.4542



112.5350, -48.0848, 69.6908



100.1630, 15.6956, -87.8430



107.2770, 53.1074, -94.0819

Sweetspot

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



109.0180, -0.0089, 96.4542



215.9210, 0.0389, 34.2723



104.2160, 56.5885, 49.7996



104.1320, -0.0651, 20.9322



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.



109.0180, -0.0089, 96.4542



101.2600, -0.1282, 134.8300



117.3090, -31.7043, 89.1830



102.6310, -0.3111, 6.4626



58.3390, -0.1671, 100.5577



15.4640, -0.2288, 26.7801

Inverse Universe

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



109.0180, -0.0089, 96.4542



101.2600, -0.1282, 134.8300



154.6910, 31.7043, -89.1830



102.6310, -0.3111, 6.4626



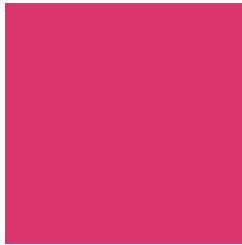
58.3390, -0.1671, 100.5577



15.4640, -0.2288, 26.7801

Previews

White Background



This preview shows how the YUV color 109.0180, -0.0089, 96.4542 looks on a white background.

Color Contrast Check

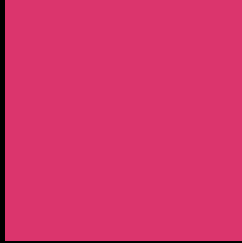
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.0180, -0.0089, 96.4542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

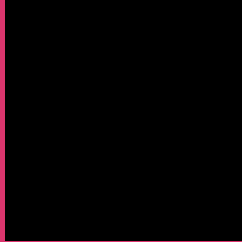
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.0180, -0.0089, 96.4542

Background



This preview shows how black text looks on a background with the YUV color 109.0180, -0.0089, 96.4542.



This preview shows how white text looks on a background with the YUV color 109.0180, -0.0089,

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

109.0180, -0.0089, 96.4542

Protanopia

120.7680, 11.9464, -5.0585

Deuteranopia

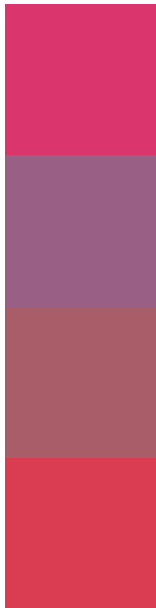
121.1670, -9.9423, 15.6395



Tritanopia

109.9750, -21.6797, 93.8609

Trichromacy



Original Color

109.0180, -0.0089, 96.4542

Protanomaly

116.5600, 7.6119, 31.9579

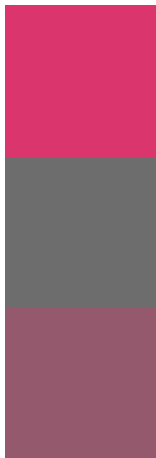
Deuteranomaly

116.6790, -6.2507, 45.0085

Tritanomaly

109.7500, -13.6807, 94.9352

Monochromacy



Original Color

109.0180, -0.0089, 96.4542

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.2200, -0.1085, 34.8871

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0180, -0.0089, 96.4542 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, 53, 109)` looks like.

```
.text, #text, p{  
    color:rgb(219, 53, 109)  
}
```

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, 53, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 53, 109) }
```

Border

The CSS property to change the border of an element to YUV 109.0180, -0.0089, 96.4542 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, 53, 109) }
```


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

```
.border{ border-color:rgb(219, 53, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 53, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 53, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 53, 109);  
box-shadow:4px 4px 4px 4px rgb(219, 53,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 109.0180, -0.0089, 96.4542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 53, 109) }
```

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

```
.background{ background-color: rgb(219, 53,  
109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor