

Converting Colors

YUV(151.5780, 3.6590, 39.8351)

Have a look what the booklet for
YUV(151.5780, 3.6590, 39.8351)
contains.

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Color

**YUV(151.5780, 3.6590,
39.8351)**

Conversions

Conversions Part 1

Format	Color
Hex	C57F9F
RGB	197, 127, 159
RGB Percent	77%, 50%, 62%
CMY	0.2275, 0.5020, 0.3765
CMYK	0.00, 0.36, 0.19, 0.23
HSL	333°, 38%, 64%
HSV	333°, 36%, 77%
XYZ	36.8733, 29.5523, 36.5616
YIQ	151.5780, 31.4480, 24.7920

Conversions

Conversions Part 2

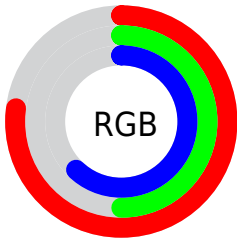
Format	Color
R _Y B	197, 127, 159
Decimal	12943263
CIE Lab	61.27, 31.62, -5.79
CIE LCh	61, 32.149, 349.616
Yxy	29.5523, 0.3580, 0.2870
Android (android.graphics.Color)	4291133343 (0xFFC57F9F)
YUV	151.5780, 3.6590, 39.8351
Hunter-Lab	54.3620, 25.9417, -1.8226

Details

The YUV color **151.5780, 3.6590, 39.8351** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **172.4220, -3.6590, -39.8351**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8880, 3.5062, 42.1942**, and **99.3820, 4.2487, 37.3760** is the 20% darker color. If you saturate the color by 10%, you get **138.5840, 4.6421, 51.2308**, and if you desaturate by 10%, it is **164.5720, 2.6760, 28.4394**.

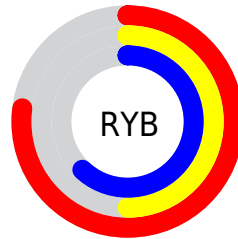
Distribution



Red (77%)

Green (50%)

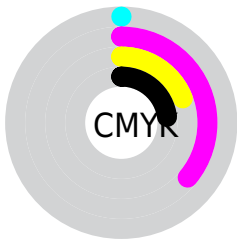
Blue (62%)



Red (77%)

Yellow (50%)

Blue (62%)

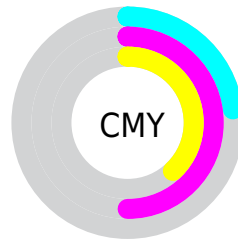


Cyan (0%)

Magenta (36%)

Yellow (19%)

Black (23%)



Cyan (23%)

Magenta (50%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.5780, 3.6590, 39.8351 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 151.5780, 3.6590, 39.8351 by changing the saturation by 10% instead.


 151.5780, 3.6590,
39.8351


 151.5780, 3.6590,
39.8351


255.0000, 0.0000,
0.0000


 124.9800, 3.9539,
38.6055


 206.8880, 3.5062,
42.1942


 99.3820, 4.2487,
37.3760

 226.5160, 7.6336,
24.9805

 74.3710, 4.2541,
35.6316

 244.4340, 5.2090,
9.2664

 49.8870, 4.9857,
34.3021

 24.7560, 7.0223,
34.4170

 14.9090, 1.5239,
24.6358

 0.0000, 0.0000,

0.0000

■ 151.5780, 3.6590,
39.8351

■ 151.5780, 3.6590,
39.8351

■ 138.5840, 4.6421,
51.2308

■ 164.5720, 2.6760,
28.4394

■ 126.2910, 5.7725,
62.0118

■ 176.8650, 1.5456,
17.6584

■ 113.2970, 6.7556,
73.4075

■ 189.8590, 0.5625,
6.2627

■ 100.3030, 7.7386,
84.8033

■ 202.8530, -0.4205,
-5.1331

■ 87.4230, 9.1585,
96.0990

■ 215.7330, -1.8404,
-16.4288

■ 75.0160, 9.8521,
106.9800

■ 228.1400, -2.5340,
-27.3098

■ 69.1630, 10.2726,
112.1130

■ 235.2640, -0.6232,
-33.5575

■ 236.5180, 4.1816,
-34.6573

■ 237.6580, 8.5496,
-35.6571

Harmonies

Analogous

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



151.7740, 16.3804, 19.4922



151.5780, 3.6590, 39.8351



150.3650, -10.0399, 47.0379

Triad

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



151.5780, 3.6590, 39.8351



144.1920, -24.7447, 3.3396



129.9320, 29.6135, -71.8544

Complementary

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



151.5780, 3.6590, 39.8351



172.4220, -3.6590, -39.8351

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.



128.3590, 18.5570, -72.2288



151.5780, 3.6590, 39.8351



140.5570, -15.0646, -21.5365

Square

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



151.5780, 3.6590, 39.8351



147.0530, -27.1411, 25.3865



135.2190, 0.8780, -48.4271



140.7490, 30.6897, -43.6299

Rectangle

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



151.5780, 3.6590, 39.8351



148.9920, -17.7441, 44.7340



135.2190, 0.8780, -48.4271



127.9160, 27.1564, -77.1023

Sweetspot

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



151.5780, 3.6590, 39.8351



236.8540, 1.5510, 15.9140



146.0430, 25.1218, 15.7483



116.9950, 0.9885, 9.6514



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.



151.5780, 3.6590, 39.8351



183.5900, 5.6251, 62.6266



149.1040, -10.8973, 42.0048



93.1470, 0.4205, 5.1331



57.2870, 8.7325, 92.7103



12.5880, 1.6821, 20.5323

Inverse Universe

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



151.5780, 3.6590, 39.8351



183.5900, 5.6251, 62.6266



174.8960, 10.8973, -42.0048



93.1470, 0.4205, 5.1331



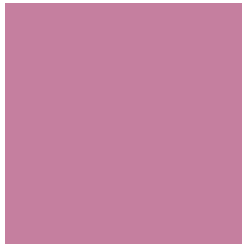
57.2870, 8.7325, 92.7103



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 151.5780, 3.6590, 39.8351 looks on a white background.

Color Contrast Check

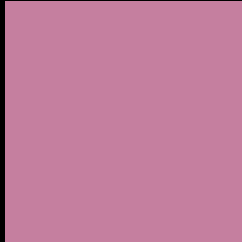
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.5780, 3.6590, 39.8351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

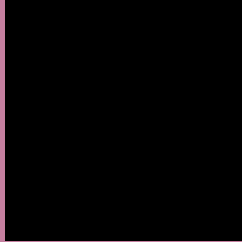
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 151.5780, 3.6590, 39.8351

Background



This preview shows how black text looks on a background with the YUV color 151.5780, 3.6590, 39.8351.



This preview shows how white text looks on a background with the YUV color 151.5780, 3.6590,

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

151.5780, 3.6590, 39.8351

Protanopia

148.9530, 11.3622, -4.3438

Deuteranopia

149.8530, 3.0305, 8.0219



Tritanopia

150.5750, -5.2135, 38.9607

Trichromacy



Original Color

151.5780, 3.6590, 39.8351

Protanomaly

149.9550, 8.4032, 11.4405

Deuteranomaly

150.6310, 3.1399, 19.6176

Tritanomaly

151.0850, -2.0139, 39.3905

Monochromacy



Original Color

151.5780, 3.6590, 39.8351

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.8430, 1.5564, 14.1697

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.5780, 3.6590, 39.8351 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(197, 127, 159)` looks like.

```
.text, #text, p{  
    color:rgb(197, 127, 159)  
}
```

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(197, 127, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 127, 159) }
```

Border

The CSS property to change the border of an element to YUV 151.5780, 3.6590, 39.8351 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(197, 127, 159) }
```


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

```
.border{ border-color:rgb(197, 127, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 127, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 127, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 127, 159);  
box-shadow:4px 4px 4px 4px rgb(197, 127,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 151.5780, 3.6590, 39.8351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 127, 159) }
```

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

```
.background{ background-color: rgb(197,  
127, 159) }
```

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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