

Converting Colors

YUV(150.8340, 2.0538, 41.3646)

Have a look what the booklet for
YUV(150.8340, 2.0538, 41.3646)
contains.

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Color

**YUV(150.8340, 2.0538,
41.3646)**

Conversions

Conversions Part 1

Format	Color
Hex	C67E9B
RGB	198, 126, 155
RGB Percent	78%, 49%, 61%
CMY	0.2235, 0.5059, 0.3922
CMYK	0.00, 0.36, 0.22, 0.22
HSL	336°, 39%, 64%
HSV	336°, 36%, 78%
XYZ	36.6660, 29.2940, 34.7322
YIQ	150.8340, 33.6030, 24.2830

Conversions

Conversions Part 2

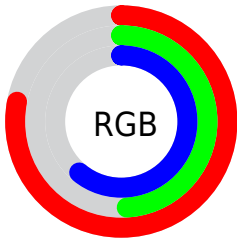
Format	Color
R_{YB}	198, 126, 155
Decimal	13008539
CIE Lab	61.04, 31.91, -3.83
CIE LCh	61, 32.139, 353.164
Yxy	29.2940, 0.3641, 0.2909
Android (android.graphics.Color)	4291198619 (0xFFC67E9B)
YUV	150.8340, 2.0538, 41.3646
Hunter-Lab	54.1240, 26.2068, -0.1605

Details

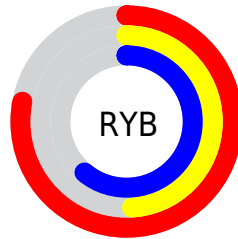
The YUV color **150.8340, 2.0538, 41.3646** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **173.1660, -2.0538, -41.3646**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.7310, 1.6116, 43.2089**, and **98.6380, 2.6435, 38.9055** is the 20% darker color. If you saturate the color by 10%, you get **137.7260, 2.6001, 52.8603**, and if you desaturate by 10%, it is **163.9420, 1.5076, 29.8689**.

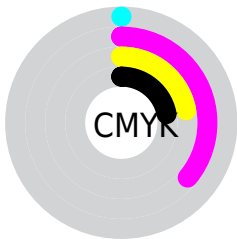
Distribution



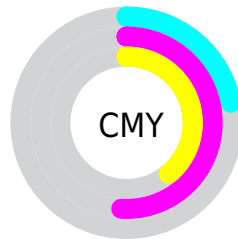
- Red (78%)
- Green (49%)
- Blue (61%)



- Red (78%)
- Yellow (49%)
- Blue (61%)



- Cyan (0%)
- Magenta (36%)
- Yellow (22%)
- Black (22%)



- Cyan (22%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.8340, 2.0538, 41.3646 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 150.8340, 2.0538, 41.3646 by changing the saturation by 10% instead.

 150.8340, 2.0538,
41.3646


 150.8340, 2.0538,
41.3646


255.0000, 0.0000,
0.0000

 124.2360, 2.3487,
40.1350


 205.7310, 1.6116,
43.2089

 98.6380, 2.6435,
38.9055


 224.8860, 6.4652,
26.4100

 73.7410, 3.0857,
37.0611

 243.8470, 5.4984,
9.7812

 49.2570, 3.8173,
35.7316

 24.1260, 5.8539,
35.8465

 14.7520, -0.3707,
25.6505

 0.0000, 0.0000,

0.0000

■ 150.8340, 2.0538,
41.3646

■ 150.8340, 2.0538,
41.3646

■ 137.7260, 2.6001,
52.8603

■ 163.9420, 1.5076,
29.8689

■ 124.6180, 3.1463,
64.3560

■ 177.0500, 0.9613,
18.3731

■ 112.2110, 3.8400,
75.2370

■ 189.4570, 0.2677,
7.4922

■ 99.1030, 4.3862,
86.7327

■ 202.5650, -0.2785,
-4.0035

■ 85.9950, 4.9325,
98.2284

■ 215.6730, -0.8248,
-15.4992

■ 72.8870, 5.4787,
109.7241

■ 228.7810, -1.3710,
-26.9949

■ 68.3220, 5.7573,
113.7276

■ 236.0190, 0.9766,
-33.3427

■ 237.3870, 6.2182,
-34.5424

■ 237.9570, 8.4022,
-35.0423

Harmonies

Analogous

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



151.1550, 15.2066, 22.6661



150.8340, 2.0538, 41.3646



149.6100, -11.6397, 46.8230

Triad

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



150.8340, 2.0538, 41.3646



142.9960, -24.1550, 0.8805



130.4700, 30.3343, -69.6952

Complementary

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



150.8340, 2.0538, 41.3646



173.1660, -2.0538, -41.3646

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.



126.9180, 20.7464, -74.4731



150.8340, 2.0538, 41.3646



139.2900, -13.4540, -24.8103

Square

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



150.8340, 2.0538, 41.3646



145.7430, -26.9883, 23.0274



133.4790, 3.2149, -51.2861



141.0700, 30.5315, -39.5264

Rectangle

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



150.8340, 2.0538, 41.3646



148.6390, -19.0490, 43.2896



133.4790, 3.2149, -51.2861



127.2690, 28.4614, -75.6579

Sweetspot

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



150.8340, 2.0538, 41.3646



236.6260, 0.6774, 16.1140



146.7660, 25.2584, 18.6222



116.8810, 0.5517, 9.7514



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.



150.8340, 2.0538, 41.3646



181.6180, 3.1463, 64.3560



151.0500, -12.3496, 41.1752



93.1470, 0.4205, 5.1331



56.2610, 4.8013, 93.6101



12.3600, 0.8085, 20.7323

Inverse Universe

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



150.8340, 2.0538, 41.3646



181.6180, 3.1463, 64.3560



172.9500, 12.3497, -41.1751



93.1470, 0.4205, 5.1331



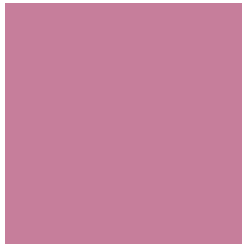
56.2610, 4.8013, 93.6101



12.3600, 0.8085, 20.7323

Previews

White Background



This preview shows how the YUV color 150.8340, 2.0538, 41.3646 looks on a white background.

Color Contrast Check

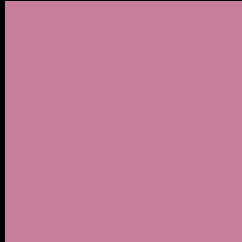
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.8340, 2.0538, 41.3646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

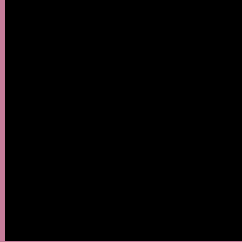
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.8340, 2.0538, 41.3646

Background



This preview shows how black text looks on a background with the YUV color 150.8340, 2.0538, 41.3646.



This preview shows how white text looks on a background with the YUV color 150.8340, 2.0538,

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

150.8340, 2.0538, 41.3646

Protanopia

148.4970, 9.6150, -3.9439

Deuteranopia

149.1090, 1.4253, 9.5514



Tritanopia

150.1730, -5.5083, 40.1903

Trichromacy



Original Color

150.8340, 2.0538, 41.3646

Protanomaly

149.2110, 6.7980, 12.9700

Deuteranomaly

149.8870, 1.5347, 21.1471

Tritanomaly

150.5690, -2.7455, 40.7200

Monochromacy



Original Color

150.8340, 2.0538, 41.3646

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.9140, 0.5354, 14.9844

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.8340, 2.0538, 41.3646 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(198, 126, 155)` looks like.

```
.text, #text, p{  
    color:rgb(198, 126, 155)  
}
```

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(198, 126, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 126, 155) }
```

Border

The CSS property to change the border of an element to YUV 150.8340, 2.0538, 41.3646 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(198, 126, 155) }
```


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

```
.border{ border-color:rgb(198, 126, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 126, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 126, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 126, 155);  
box-shadow:4px 4px 4px 4px rgb(198, 126,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 150.8340, 2.0538, 41.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 126, 155) }
```

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

```
.background{ background-color: rgb(198,  
126, 155) }
```

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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