

Converting Colors

YUV(150.3650, 6.7221, 37.3909)

Have a look what the booklet for
YUV(150.3650, 6.7221, 37.3909)
contains.

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Color

**YUV(150.3650, 6.7221,
37.3909)**

Conversions

Conversions Part 1

Format	Color
Hex	C17EA4
RGB	193, 126, 164
RGB Percent	76%, 49%, 64%
CMY	0.2431, 0.5059, 0.3569
CMYK	0.00, 0.35, 0.15, 0.24
HSL	326°, 35%, 63%
HSV	326°, 35%, 76%
XYZ	36.1540, 28.9395, 38.8023
YIQ	150.3650, 27.7340, 26.0220

Conversions

Conversions Part 2

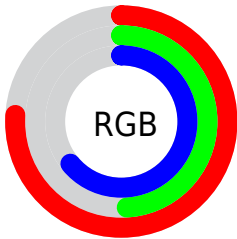
Format	Color
R _Y B	193, 126, 164
Decimal	12680868
CIE Lab	60.73, 31.55, -9.51
CIE LCh	61, 32.954, 343.235
Yxy	28.9395, 0.3480, 0.2785
Android (android.graphics.Color)	4290870948 (0xFFC17EA4)
YUV	150.3650, 6.7221, 37.3909
Hunter-Lab	53.7954, 25.8215, -5.1087

Details

The YUV color **150.3650, 6.7221, 37.3909** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **168.6350, -6.7221, -37.3909**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.3760, 6.7166, 39.1352**, and **98.6420, 6.5855, 34.5170** is the 20% darker color. If you saturate the color by 10%, you get **138.3000, 8.7261, 47.9719**, and if you desaturate by 10%, it is **162.4300, 4.7180, 26.8099**.

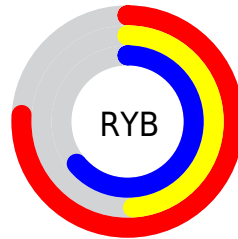
Distribution



Red (76%)

Green (49%)

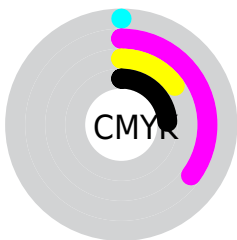
Blue (64%)



Red (76%)

Yellow (49%)

Blue (64%)

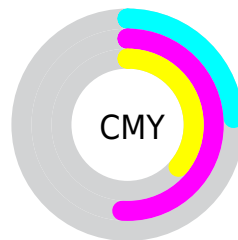


Cyan (0%)

Magenta (35%)

Yellow (15%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.3650, 6.7221, 37.3909 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 150.3650, 6.7221, 37.3909 by changing the saturation by 10% instead.

 150.3650, 6.7221,
37.3909


 150.3650, 6.7221,
37.3909


255.0000, 0.0000,
0.0000

 123.7670, 7.0169,
36.1613


 205.3760, 6.7166,
39.1352

 98.6420, 6.5855,
34.5170

 225.9120, 10.3964,
25.5102

 73.4570, 7.1697,
33.8022

 243.8470, 5.4984,
9.7812

 49.4460, 7.1751,
32.0579

 24.5000, 8.6275,
32.8875

 14.7670, 3.5659,
23.0063

 0.0000, 0.0000,

0.0000

■ 150.3650, 6.7221,
37.3909

■ 150.3650, 6.7221,
37.3909

■ 138.3000, 8.7261,
47.9719

■ 162.4300, 4.7180,
26.8099

■ 125.5340, 10.5827,
59.1677

■ 175.1960, 2.8614,
15.6141

■ 113.4690, 12.5868,
69.7487

■ 187.2610, 0.8573,
5.0331

■ 101.4040, 14.5908,
80.3297

■ 199.3260, -1.1467,
-5.5479

■ 89.2250, 16.1581,
91.0107

■ 212.0920, -3.0034,
-16.7437

■ 76.5730, 18.4515,
102.1065

■ 224.1570, -5.0074,
-27.3247

■ 70.1330, 19.1614,
107.7544

■ 232.7000, -5.2751,
-34.8169

■ 233.7260, -1.3439,
-35.7167

■ 234.6380, 2.1505,
-36.5165

Harmonies

Analogous

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



149.8380, 19.3069, 14.1741



150.3650, 6.7221, 37.3909



148.8750, -6.8404, 47.4676

Triad

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



150.3650, 6.7221, 37.3909



143.3560, -26.7975, 8.4578



124.5780, 29.7880, -81.1909

Complementary

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



150.3650, 6.7221, 37.3909



168.6350, -6.7221, -37.3909

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.



126.6750, 15.9362, -71.6290



150.3650, 6.7221, 37.3909



139.4930, -17.9910, -16.2184

Square

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



150.3650, 6.7221, 37.3909



145.7870, -27.0100, 30.0048



134.3290, -2.6272, -44.1385



136.4490, 32.3166, -52.1368

Rectangle

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



150.3650, 6.7221, 37.3909



147.8720, -15.7129, 46.5933



134.3290, -2.6272, -44.1385



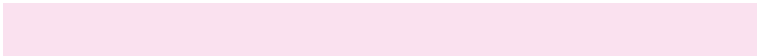
122.7580, 26.7413, -83.9798

Sweetspot

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



150.3650, 6.7221, 37.3909



234.0710, 2.4300, 13.9697



142.0100, 25.1381, 10.5152



115.3970, 1.2833, 8.4218



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.



150.3650, 6.7221, 37.3909



183.1210, 10.2933, 58.6529



146.7170, -7.2555, 40.5902



90.6740, 1.1467, 5.5479



58.5130, 16.0161, 89.8811



12.0330, 3.4347, 18.3881

Inverse Universe

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



150.3650, 6.7221, 37.3909



183.1210, 10.2933, 58.6529



172.2830, 7.2555, -40.5902



90.6740, 1.1467, 5.5479



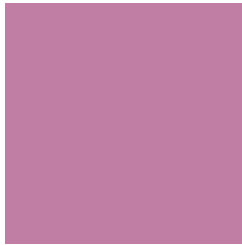
58.5130, 16.0161, 89.8811



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 150.3650, 6.7221, 37.3909 looks on a white background.

Color Contrast Check

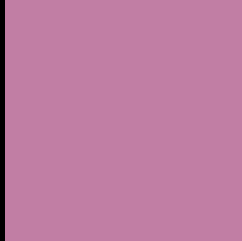
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.3650, 6.7221, 37.3909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

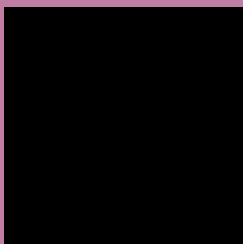
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.3650, 6.7221, 37.3909

Background



This preview shows how black text looks on a background with the YUV color 150.3650, 6.7221, 37.3909.



This preview shows how white text looks on a background with the YUV color 150.3650, 6.7221,

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

150.3650, 6.7221, 37.3909

Protanopia

147.7400, 14.4252, -6.7880

Deuteranopia

148.6400, 6.0935, 5.5777



Tritanopia

149.0800, -4.4764, 35.8868

Trichromacy



Original Color

150.3650, 6.7221, 37.3909

Protanomaly

148.7420, 11.4662, 8.9963

Deuteranomaly

149.4180, 6.2029, 17.1734

Tritanomaly

149.8180, -0.4033, 36.1166

Monochromacy



Original Color

150.3650, 6.7221, 37.3909

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0710, 2.4300, 13.9697

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.3650, 6.7221, 37.3909 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(193, 126, 164)` looks like.

```
.text, #text, p{  
    color:rgb(193, 126, 164)  
}
```

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(193, 126, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 126, 164) }
```

Border

The CSS property to change the border of an element to YUV 150.3650, 6.7221, 37.3909 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(193, 126, 164) }
```


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

```
.border{ border-color:rgb(193, 126, 164) }
```

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

Here you see how a box with a 4 pixel rgb(193, 126, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 126, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 126, 164);  
box-shadow:4px 4px 4px 4px rgb(193, 126,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 150.3650, 6.7221, 37.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 126, 164) }
```

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

```
.background{ background-color: rgb(193,  
126, 164) }
```

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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