

Converting Colors

YUV(148.9170, -0.4521,
51.8158)

Have a look what the booklet for
YUV(148.9170, -0.4521, 51.8158)
contains.

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Color

**YUV(148.9170, -0.4521,
51.8158)**

Conversions

Conversions Part 1

Format	Color
Hex	D07794
RGB	208, 119, 148
RGB Percent	82%, 47%, 58%
CMY	0.1843, 0.5333, 0.4196
CMYK	0.00, 0.43, 0.29, 0.18
HSL	340°, 49%, 64%
HSV	340°, 43%, 82%
XYZ	37.9545, 28.7417, 31.5642
YIQ	148.9170, 43.7350, 27.8870

Conversions

Conversions Part 2

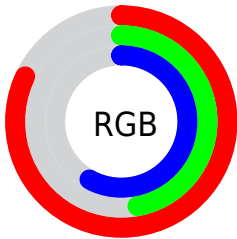
Format	Color
R _Y B	208, 119, 148
Decimal	13662100
CIE Lab	60.55, 38.23, -0.38
CIE LCh	61, 38.228, 359.434
Yxy	28.7417, 0.3863, 0.2925
Android (android.graphics.Color)	4291852180 (0xFFD07794)
YUV	148.9170, -0.4521, 51.8158
Hunter-Lab	53.6113, 32.5509, 2.6202

Details

The YUV color **148.9170, -0.4521, 51.8158** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **178.0830, 0.4521, -51.8158**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.8240, 0.5798, 47.5124**, and **96.1230, 0.4324, 48.1271** is the 20% darker color. If you saturate the color by 10%, you get **134.9940, -0.4900, 64.0263**, and if you desaturate by 10%, it is **162.8400, -0.4141, 39.6053**.

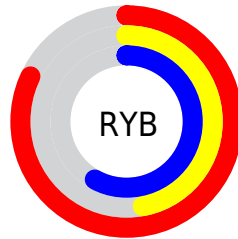
Distribution



Red (82%)

Green (47%)

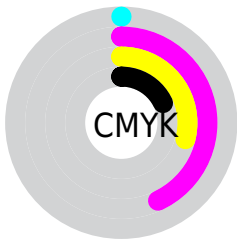
Blue (58%)



Red (82%)

Yellow (47%)

Blue (58%)

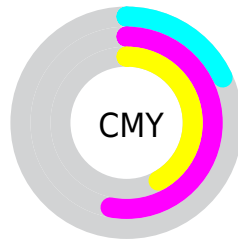


Cyan (0%)

Magenta (43%)

Yellow (29%)

Black (18%)



Cyan (18%)


Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.9170, -0.4521, 51.8158 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 148.9170, -0.4521, 51.8158 by changing the saturation by 10% instead.


 148.9170, -0.4521,
51.8158

 148.9170, -0.4521,
51.8158

255.0000, 0.0000,
0.0000

 122.0200, -0.0099,
49.9715


 200.8240, 0.5798,
47.5124

 96.1230, 0.4324,
48.1271


 220.4520, 4.7072,
30.2986

 70.7530, 1.6008,
46.6976

 239.7380, 7.5242,
13.3848

 43.6220, 3.6374,
46.8125

 24.6490, 2.6380,
40.6498

 15.2210, -5.0390,
29.6242

 0.0000, 0.0000,

0.0000

■ 148.9170, -0.4521,
51.8158

■ 148.9170, -0.4521,
51.8158

■ 134.9940, -0.4900,
64.0263

■ 162.8400, -0.4141,
39.6053

■ 121.0710, -0.5280,
76.2367

■ 176.7630, -0.3762,
27.3948

■ 107.7350, -0.8554,
87.9324

■ 190.0990, -0.0488,
15.6992

■ 93.8120, -0.8933,
100.1429

■ 204.0220, -0.0108,
3.4887

■ 79.8890, -0.9313,
112.3533

■ 217.9450, 0.0271,
-8.7218

■ 69.9440, -0.9584,
121.0751

■ 231.8680, 0.0651,
-20.9322

■ 239.9210, 2.9969,
-27.9947

■ 240.9470, 6.9281,
-28.8945

Harmonies

Analogous

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



150.2210, 15.1740, 33.1322



148.9170, -0.4521, 51.8158



147.2150, -15.8820, 54.1854

Triad

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



148.9170, -0.4521, 51.8158



139.9690, -26.6067, -6.1118



115.8880, 42.9462, -101.6338

Complementary

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



148.9170, -0.4521, 51.8158



178.0830, 0.4521, -51.8158

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.



115.9730, 30.5793, -101.7083



148.9170, -0.4521, 51.8158



134.6690, -11.6688, -37.4207

Square

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



148.9170, -0.4521, 51.8158



143.6520, -32.3664, 21.3532



122.5510, 10.5744, -78.5362



139.5410, 36.2153, -42.5705

Rectangle

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



148.9170, -0.4521, 51.8158



146.1790, -24.7382, 48.0780



122.5510, 10.5744, -78.5362



116.2640, 39.3098, -101.9635

Sweetspot

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



148.9170, -0.4521, 51.8158



233.1210, -0.0597, 19.1879



146.7870, 30.1780, 27.3738



114.0770, -0.0380, 12.2105



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.



148.9170, -0.4521, 51.8158



168.6580, -0.8174, 75.7219



154.4160, -17.4601, 46.9932



97.7450, 0.1257, 6.3626



56.5020, -0.7405, 97.7837



13.7410, -0.3653, 23.9061

Inverse Universe

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



148.9170, -0.4521, 51.8158



168.6580, -0.8174, 75.7219



172.5840, 17.4601, -46.9932



97.7450, 0.1257, 6.3626



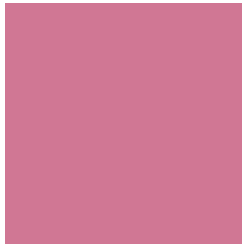
56.5020, -0.7405, 97.7837



13.7410, -0.3653, 23.9061

Previews

White Background



This preview shows how the YUV color 148.9170, -0.4521, 51.8158 looks on a white background.

Color Contrast Check

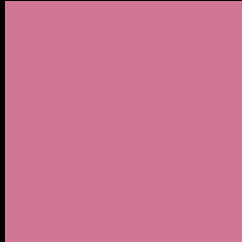
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.9170, -0.4521, 51.8158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

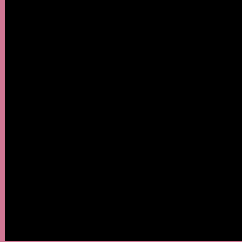
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.9170, -0.4521, 51.8158

Background



This preview shows how black text looks on a background with the YUV color 148.9170, -0.4521, 51.8158.



This preview shows how white text looks on a background with the YUV color 148.9170, -0.4521,

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

148.9170, -0.4521, 51.8158

Protanopia

146.8670, 8.4466, -2.5144

Deuteranopia

147.9090, -1.9271, 11.4808



Tritanopia

148.1420, -8.4510, 50.7415

Trichromacy



Original Color

148.9170, -0.4521, 51.8158

Protanomaly

147.7770, 5.0399, 16.8586

Deuteranomaly

148.4100, -1.6811, 25.9504

Tritanomaly

148.5380, -5.6882, 51.2712

Monochromacy



Original Color

148.9170, -0.4521, 51.8158

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.8220, 0.0878, 18.5731

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.9170, -0.4521, 51.8158 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(208, 119, 148)` looks like.

```
.text, #text, p{  
    color:rgb(208, 119, 148)  
}
```

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(208, 119, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 119, 148) }
```

Border

The CSS property to change the border of an element to YUV 148.9170, -0.4521, 51.8158 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(208, 119, 148) }
```


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

```
.border{ border-color:rgb(208, 119, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 119, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 119, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 119, 148);  
box-shadow:4px 4px 4px 4px rgb(208, 119,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 148.9170, -0.4521, 51.8158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 119, 148) }
```

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

```
.background{ background-color: rgb(208,  
119, 148) }
```

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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