

Converting Colors

YUV(158.5090, 1.7211, 54.8046)

Have a look what the booklet for
YUV(158.5090, 1.7211, 54.8046)
contains.

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Color

**YUV(158.5090, 1.7211,
54.8046)**

Conversions

Conversions Part 1

Format	Color
Hex	DD7EA2
RGB	221, 126, 162
RGB Percent	87%, 49%, 64%
CMY	0.1333, 0.5059, 0.3647
CMYK	0.00, 0.43, 0.27, 0.13
HSL	337°, 58%, 68%
HSV	337°, 43%, 87%
XYZ	43.8012, 32.9025, 38.2247
YIQ	158.5090, 45.0640, 31.3360

Conversions

Conversions Part 2

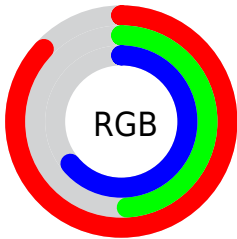
Format	Color
RYB	221, 126, 162
Decimal	14515874
CIELab	64.08, 41.03, -3.02
CIElCh	64, 41.136, 355.795
Yxy	32.9025, 0.3811, 0.2863
Android (android.graphics.Color)	4292705954 (0xFFDD7EA2)
YUV	158.5090, 1.7211, 54.8046
Hunter-Lab	57.3607, 35.9233, 0.6422

Details

The YUV color **158.5090, 1.7211, 54.8046** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **188.4910, -1.7211, -54.8046**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6430, 5.1060, 42.4091**, and **105.0140, 2.4581, 51.7307** is the 20% darker color. If you saturate the color by 10%, you get **143.9990, 1.9725, 67.5299**, and if you desaturate by 10%, it is **173.0190, 1.4696, 42.0793**.

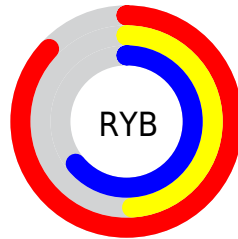
Distribution



Red (87%)

Green (49%)

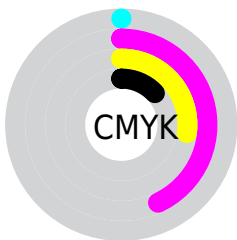
Blue (64%)



Red (87%)

Yellow (49%)

Blue (64%)

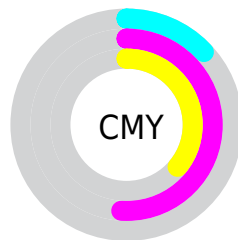


Cyan (0%)

Magenta (43%)

Yellow (27%)

Black (13%)



Cyan (13%)

Magenta (51%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.5090, 1.7211, 54.8046 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 158.5090, 1.7211, 54.8046 by changing the saturation by 10% instead.


 158.5090, 1.7211,
54.8046

 158.5090, 1.7211,
54.8046

255.0000, 0.0000,
0.0000


 131.6120, 2.1633,
52.9603


 206.6430, 5.1060,
42.4091


 105.0140, 2.4581,
51.7307

 226.8580, 8.9440,
24.6805

 78.6440, 3.6265,
50.3012

 244.4340, 5.2090,
9.2664

 52.1000, 5.3737,
49.9013

 29.1920, 5.8213,
46.3126

 19.4370, 0.7706,
32.9428

 8.7850, -3.8380,

17.7286

■ 0.0000, 0.0000,
0.0000

■ 158.5090, 1.7211,
54.8046

■ 158.5090, 1.7211,
54.8046

■ 143.9990, 1.9725,
67.5299

■ 173.0190, 1.4696,
42.0793

■ 129.6030, 2.6607,
80.1552

■ 187.4150, 0.7814,
29.4540

■ 115.0930, 2.9122,
92.8804

■ 201.9250, 0.5300,
16.7288

■ 100.5830, 3.1636,
105.6057

■ 216.4350, 0.2785,
4.0035

■ 85.4860, 3.7044,
118.8458

■ 231.5320, -0.2623,
-9.2366

■ 75.6550, 4.1141,
127.4676

■ 243.5800, 0.2071,
-19.8027

■ 244.8340, 5.0118,
-20.9024

Harmonies

Analogous

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



159.7200, 18.3790, 31.8176



158.5090, 1.7211, 54.8046



156.6610, -15.6089, 59.9333

Triad

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



158.5090, 1.7211, 54.8046



149.2530, -30.6907, -2.8529



124.3000, 44.7151, -109.0111

Complementary

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



158.5090, 1.7211, 54.8046



188.4910, -1.7211, -54.8046

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.



123.3420, 30.8904, -108.1709



158.5090, 1.7211, 54.8046



143.1700, -14.8738, -36.1061

Square

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



158.5090, 1.7211, 54.8046



152.5880, -35.2929, 26.6713



130.7850, 8.9800, -80.4954



145.9140, 40.4684, -53.4216

Rectangle

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



158.5090, 1.7211, 54.8046



155.3970, -25.3387, 54.0258



130.7850, 8.9800, -80.4954



124.5620, 40.6419, -109.2409

Sweetspot

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



158.5090, 1.7211, 54.8046



233.2350, 0.3771, 19.0879



154.4710, 32.7988, 26.7739



114.1910, 0.3988, 12.1105



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.



158.5090, 1.7211, 54.8046



167.5810, 2.6716, 76.6665



160.8620, -17.1870, 52.7410



102.7450, 0.1257, 6.3626



59.2510, 3.3273, 99.7579



15.6920, 0.6448, 26.5801

Inverse Universe

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



158.5090, 1.7211, 54.8046



167.5810, 2.6716, 76.6665



186.1380, 17.1870, -52.7410



102.7450, 0.1257, 6.3626



59.2510, 3.3273, 99.7579



15.6920, 0.6448, 26.5801

Previews

White Background



This preview shows how the YUV color 158.5090, 1.7211, 54.8046 looks on a white background.

Color Contrast Check

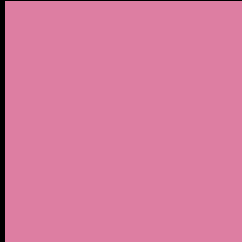
Large Text (above 18pt) WCAG AA × Fail

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 158.5090, 1.7211, 54.8046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

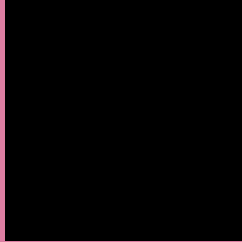
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.5090, 1.7211, 54.8046

Background



This preview shows how black text looks on a background with the YUV color 158.5090, 1.7211, 54.8046.



This preview shows how white text looks on a background with the YUV color 158.5090, 1.7211,

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

158.5090, 1.7211, 54.8046

Protanopia

156.6540, 11.5096, -4.9586

Deuteranopia

157.4790, 0.2569, 10.9809



Tritanopia

157.7510, -8.7512, 53.7154

Trichromacy



Original Color

158.5090, 1.7211, 54.8046

Protanomaly

156.8740, 7.9501, 16.7735

Deuteranomaly

157.9910, 0.4974, 27.1949

Tritanomaly

158.3750, -5.1149, 54.0451

Monochromacy



Original Color

158.5090, 1.7211, 54.8046

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9470, 0.5191, 20.2175

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5090, 1.7211, 54.8046 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(221, 126, 162)` looks like.

```
.text, #text, p{  
    color:rgb(221, 126, 162)  
}
```

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(221, 126, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 126, 162) }
```

Border

The CSS property to change the border of an element to YUV 158.5090, 1.7211, 54.8046 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(221, 126, 162) }
```


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

```
.border{ border-color:rgb(221, 126, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 126, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 126, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 126, 162); box-shadow:4px 4px 4px 4px rgb(221, 126, 162) }
```

Background

The CSS property to change the background color of an element to YUV 158.5090, 1.7211, 54.8046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 126, 162) }
```

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

```
.background{ background-color: rgb(221,  
126, 162) }
```

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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