

Converting Colors

YUV(154.9500, -0.4684,
57.0488)

Have a look what the booklet for
YUV(154.9500, -0.4684, 57.0488)
contains.

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Color

**YUV(154.9500, -0.4684,
57.0488)**

Conversions

Conversions Part 1

Format	Color
Hex	DC7A9A
RGB	220, 122, 154
RGB Percent	86%, 48%, 60%
CMY	0.1373, 0.5216, 0.3961
CMYK	0.00, 0.45, 0.30, 0.14
HSL	340°, 58%, 67%
HSV	340°, 45%, 86%
XYZ	42.3075, 31.4678, 34.4159
YIQ	154.9500, 48.1360, 30.7280

Conversions

Conversions Part 2

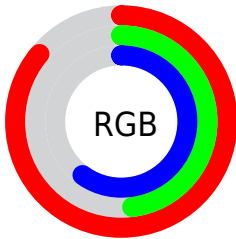
Format	Color
RYB	220, 122, 154
Decimal	14449306
CIELab	62.90, 41.68, -0.20
CIElCh	63, 41.677, 359.722
Yxy	31.4678, 0.3910, 0.2909
Android (android.graphics.Color)	4292639386 (0xFFDC7A9A)
YUV	154.9500, -0.4684, 57.0488
Hunter-Lab	56.0962, 36.4556, 2.8920

Details

The YUV color **154.9500, -0.4684, 57.0488** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **187.0500, 0.4683, -57.0489**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.2690, 2.3324, 45.3681**, and **101.2700, 0.8529, 53.2602** is the 20% darker color. If you saturate the color by 10%, you get **140.3260, -0.6537, 69.8741**, and if you desaturate by 10%, it is **169.5740, -0.2830, 44.2236**.

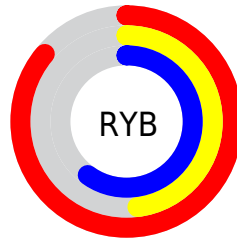
Distribution



Red (86%)

Green (48%)

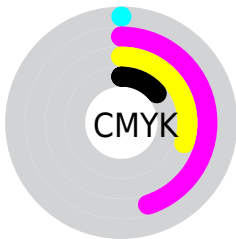
Blue (60%)



Red (86%)

Yellow (48%)

Blue (60%)

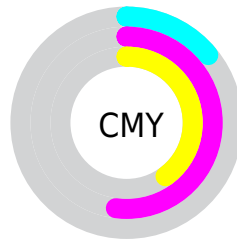


Cyan (0%)

Magenta (45%)

Yellow (30%)

Black (14%)



Cyan (14%)

Magenta (52%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.9500, -0.4684, 57.0488 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 154.9500, -0.4684, 57.0488 by changing the saturation by 10% instead.


 154.9500, -0.4684,
57.0488


 154.9500, -0.4684,
57.0488


255.0000, 0.0000,
0.0000


 128.0530, -0.0261,
55.2045


 203.2690, 2.3324,
45.3681


 101.2700, 0.8529,
53.2602


 223.0110, 6.8966,
28.0544

 75.1990, 1.8739,
52.4455

 242.0860, 6.3666,
11.3256

 47.1820, 4.3473,
52.4604

 27.9100, 3.4954,
45.6829

 18.2260, -2.5764,
33.1278

 6.8770, -3.3904,

14.1399

■ 0.0000, 0.0000,
0.0000

■ 154.9500, -0.4684,
57.0488

■ 154.9500, -0.4684,
57.0488

■ 140.3260, -0.6537,
69.8741

■ 169.5740, -0.2830,
44.2236

■ 125.7020, -0.8391,
82.6993

■ 184.1980, -0.0976,
31.3984

■ 111.1920, -0.5877,
95.4246

■ 198.7080, -0.3490,
18.6731

■ 96.5680, -0.7730,
108.2499

■ 213.3320, -0.1637,
5.8478

■ 81.9440, -0.9584,
121.0751

■ 227.9560, 0.0217,
-6.9774

■ 73.9880, -0.9801,
128.0525

■ 242.5800, 0.2071,
-19.8027

■ 244.5350, 5.1592,
-21.5172

Harmonies

Analogous

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



156.5850, 16.4736, 36.3210



154.9500, -0.4684, 57.0488



152.7920, -17.6455, 59.8184

Triad

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



154.9500, -0.4684, 57.0488



145.2740, -29.2221, -7.2563



121.9520, 45.8727, -106.9519

Complementary

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



154.9500, -0.4684, 57.0488



187.0500, 0.4683, -57.0489

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.



121.8090, 32.6322, -106.8265



154.9500, -0.4684, 57.0488



139.0060, -12.8210, -41.2243

Square

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



154.9500, -0.4684, 57.0488



149.1530, -35.5714, 22.6678



118.4880, 16.0284, -101.2830



144.2460, 40.3047, -47.5737

Rectangle

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



154.9500, -0.4684, 57.0488



151.9300, -27.0805, 52.6814



118.4880, 16.0284, -101.2830



122.3280, 42.2363, -107.2817

Sweetspot

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



154.9500, -0.4684, 57.0488



233.1210, -0.0597, 19.1879



152.6070, 33.2247, 30.1627



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.



154.9500, -0.4684, 57.0488



165.3810, -0.6808, 78.5959



160.6940, -19.0761, 52.0114



102.6310, -0.3111, 6.4626



58.2250, -0.6039, 100.6577



15.4640, -0.2288, 26.7801

Inverse Universe

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



154.9500, -0.4684, 57.0488



165.3810, -0.6808, 78.5959



181.3060, 19.0761, -52.0114



102.6310, -0.3111, 6.4626



58.2250, -0.6039, 100.6577



15.4640, -0.2288, 26.7801

Previews

White Background



This preview shows how the YUV color 154.9500, -0.4684, 57.0488 looks on a white background.

Color Contrast Check

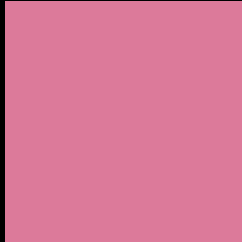
Large Text (above 18pt) WCAG AA × Fail

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 154.9500, -0.4684, 57.0488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

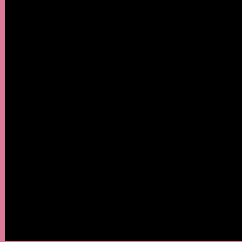
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.9500, -0.4684, 57.0488

Background



This preview shows how black text looks on a background with the YUV color 154.9500, -0.4684, 57.0488.



This preview shows how white text looks on a background with the YUV color 154.9500, -0.4684,

57.0488.

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

154.9500, -0.4684, 57.0488

Protanopia

153.6820, 9.0308, -3.2291

Deuteranopia

154.2080, -2.0745, 12.0956



Tritanopia

153.9470, -9.3409, 56.1745

Trichromacy



Original Color

154.9500, -0.4684, 57.0488

Protanomaly

153.9020, 5.4713, 18.5029

Deuteranomaly

154.7200, -1.8340, 28.3096

Tritanomaly

154.4570, -6.1413, 56.6042

Monochromacy



Original Color

154.9500, -0.4684, 57.0488

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.1320, -0.0651, 20.9322

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.9500, -0.4684, 57.0488 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(220, 122, 154)` looks like.

```
.text, #text, p{  
    color:rgb(220, 122, 154)  
}
```

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(220, 122, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 122, 154) }
```

Border

The CSS property to change the border of an element to YUV 154.9500, -0.4684, 57.0488 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(220, 122, 154) }
```


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

```
.border{ border-color:rgb(220, 122, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 122, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 122, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 122, 154);  
box-shadow:4px 4px 4px 4px rgb(220, 122,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 154.9500, -0.4684, 57.0488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 122, 154) }
```

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

```
.background{ background-color: rgb(220,  
122, 154) }
```

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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