

Converting Colors

YUV(146.0500, 7.8634, 44.6832)

Have a look what the booklet for
YUV(146.0500, 7.8634, 44.6832)
contains.

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Color

**YUV(146.0500, 7.8634,
44.6832)**

Conversions

Conversions Part 1

Format	Color
Hex	C575A2
RGB	197, 117, 162
RGB Percent	77%, 46%, 64%
CMY	0.2275, 0.5412, 0.3647
CMYK	0.00, 0.41, 0.18, 0.23
HSL	326°, 41%, 62%
HSV	326°, 41%, 77%
XYZ	35.9088, 27.2015, 37.5402
YIQ	146.0500, 33.2350, 30.9550

Conversions

Conversions Part 2

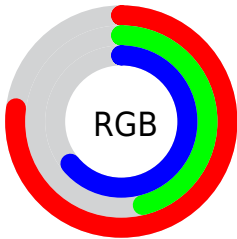
Format	Color
R_{YB}	197, 117, 162
Decimal	12940706
CIE _{Lab}	59.16, 37.49, -10.65
CIE _{LCh}	59, 38.975, 344.136
Yxy	27.2015, 0.3568, 0.2703
Android (android.graphics.Color)	4291130786 (0xFFC575A2)
YUV	146.0500, 7.8634, 44.6832
Hunter-Lab	52.1551, 31.6260, -6.1672

Details

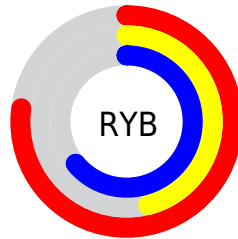
The YUV color **146.0500, 7.8634, 44.6832** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **167.9500, -7.8633, -44.6831**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.3600, 7.7105, 47.0423**, and **93.4410, 8.1636, 41.7092** is the 20% darker color. If you saturate the color by 10%, you get **133.2840, 9.7200, 55.8789**, and if you desaturate by 10%, it is **158.8160, 6.0067, 33.4874**.

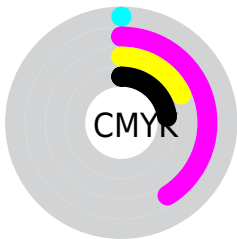
Distribution



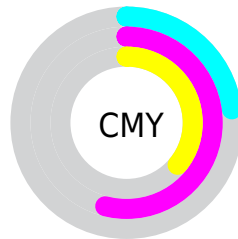
- Red (77%)
- Green (46%)
- Blue (64%)



- Red (77%)
- Yellow (46%)
- Blue (64%)



- Cyan (0%)
- Magenta (41%)
- Yellow (18%)
- Black (23%)



- Cyan (23%)
- Magenta (54%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.0500, 7.8634, 44.6832 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 146.0500, 7.8634, 44.6832 by changing the saturation by 10% instead.


 146.0500, 7.8634,
44.6832


 146.0500, 7.8634,
44.6832


255.0000, 0.0000,
0.0000

 119.4520, 8.1582,
43.4536


 201.3600, 7.7105,
47.0423


 93.4410, 8.1636,
41.7092


 220.4010, 12.1273,
30.3433

 68.2560, 8.7478,
40.9945

 238.5640, 8.1029,
14.4144

 42.0110, 10.3476,
41.2094

 23.5110, 8.6221,
34.6319

 14.9520, 2.9817,
23.7211

 0.0000, 0.0000,

0.0000

■ 146.0500, 7.8634,
44.6832

■ 146.0500, 7.8634,
44.6832

■ 133.2840, 9.7200,
55.8789

■ 158.8160, 6.0067,
33.4874

■ 121.2190, 11.7240,
66.4599

■ 170.8810, 4.0027,
22.9064

■ 108.4530, 13.5807,
77.6557

■ 183.6470, 2.1460,
11.7106

■ 95.8010, 15.8741,
88.7515

■ 196.2990, -0.1474,
0.6148

■ 83.0350, 17.7307,
99.9473

■ 209.0650, -2.0040,
-10.5810

■ 71.5570, 19.4454,
110.0135

■ 221.2440, -3.5713,
-21.2620

■ 233.8960, -5.8647,
-32.3578

■ 234.9220, -1.9335,
-33.2576

■ 235.9480, 1.9976,
-34.1574

Harmonies

Analogous

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



146.0710, 22.6430, 17.4777



146.0500, 7.8634, 44.6832



144.1750, -8.4673, 55.9745

Triad

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



146.0500, 7.8634, 44.6832



138.3900, -31.7443, 8.4280



114.2920, 36.8310, -100.2341

Complementary

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



146.0500, 7.8634, 44.6832



167.9500, -7.8633, -44.6831

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.



111.9320, 22.7115, -98.1644



146.0500, 7.8634, 44.6832



133.7760, -20.5956, -20.8516

Square

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



146.0500, 7.8634, 44.6832



140.8430, -31.9676, 33.4637



125.5940, -1.2788, -56.6489



124.9070, 40.9648, -72.7094

Rectangle

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



146.0500, 7.8634, 44.6832



143.2320, -18.3554, 54.1705



125.5940, -1.2788, -56.6489



113.8530, 32.6105, -99.8491

Sweetspot

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



146.0500, 7.8634, 44.6832



235.3210, 3.2927, 17.2585



136.5850, 29.7846, 13.5190



116.5220, 1.7147, 10.0662



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.



146.0500, 7.8634, 44.6832



175.3550, 12.1500, 69.8487



141.4900, -9.6086, 48.6823



93.2610, 0.8573, 5.0331



59.2250, 16.1581, 91.0107



13.0440, 3.4293, 20.1324

Inverse Universe

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



146.0500, 7.8634, 44.6832



175.3550, 12.1500, 69.8487



172.5100, 9.6086, -48.6823



93.2610, 0.8573, 5.0331



59.2250, 16.1581, 91.0107



13.0440, 3.4293, 20.1324

Previews

White Background



This preview shows how the YUV color 146.0500, 7.8634, 44.6832 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 146.0500, 7.8634, 44.6832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

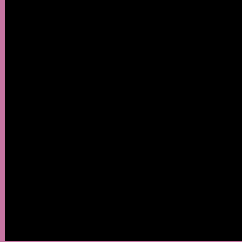
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.0500, 7.8634, 44.6832

Background



This preview shows how black text looks on a background with the YUV color 146.0500, 7.8634, 44.6832.



This preview shows how white text looks on a background with the YUV color 146.0500, 7.8634,

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

146.0500, 7.8634, 44.6832

Protanopia

143.1250, 17.1934, -8.0026

Deuteranopia

144.4550, 6.6777, 4.8630



Tritanopia

145.2550, -6.5347, 42.7494

Trichromacy



Original Color

146.0500, 7.8634, 44.6832

Protanomaly

144.0350, 13.7867, 11.3703

Deuteranomaly

144.9560, 6.9237, 19.3326

Tritanomaly

145.6340, -1.2986, 43.2940

Monochromacy



Original Color

146.0500, 7.8634, 44.6832

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.9080, 3.0034, 16.7437

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.0500, 7.8634, 44.6832 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(197, 117, 162)` looks like.

```
.text, #text, p{  
    color:rgb(197, 117, 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(197, 117, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 117, 162) }
```

Border

The CSS property to change the border of an element to YUV 146.0500, 7.8634, 44.6832 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(197, 117, 162) }
```


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

```
.border{ border-color:rgb(197, 117, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 117, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 117, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 117, 162);  
box-shadow:4px 4px 4px 4px rgb(197, 117,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 146.0500, 7.8634, 44.6832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 117, 162) }
```

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

```
.background{ background-color: rgb(197,  
117, 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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