

Converting Colors

YUV(142.6000, 7.0992, 56.4788)

Have a look what the booklet for
YUV(142.6000, 7.0992, 56.4788)
contains.

YUV(142.6000, 7.0992, 56.4788)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(142.6000, 7.0992,
56.4788)**

Conversions

Conversions Part 1

Format	Color
Hex	CF6B9D
RGB	207, 107, 157
RGB Percent	81%, 42%, 62%
CMY	0.1882, 0.5804, 0.3843
CMYK	0.00, 0.48, 0.24, 0.19
HSL	330°, 51%, 62%
HSV	330°, 48%, 81%
XYZ	37.0756, 26.2151, 35.0042
YIQ	142.6000, 43.5500, 36.7500

Conversions

Conversions Part 2

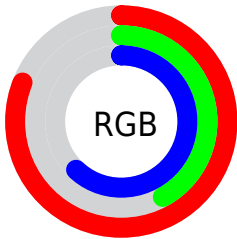
Format	Color
R_{YB}	207, 107, 157
Decimal	13593501
CIE _{Lab}	58.24, 45.33, -9.01
CIE _{LCh}	58, 46.215, 348.760
Yxy	26.2151, 0.3772, 0.2667
Android (android.graphics.Color)	4291783581 (0xFFCF6B9D)
YUV	142.6000, 7.0992, 56.4788
Hunter-Lab	51.2007, 39.6548, -4.6941

Details

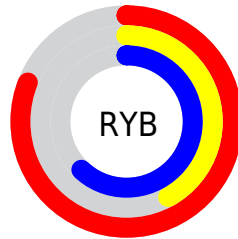
The YUV color **142.6000, 7.0992, 56.4788** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **171.4000, -7.0992, -56.4788**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.9200, 8.4204, 52.6902**, and **89.2190, 8.2730, 53.3049** is the 20% darker color. If you saturate the color by 10%, you get **129.1330, 8.8084, 68.2894**, and if you desaturate by 10%, it is **156.0670, 5.3900, 44.6682**.

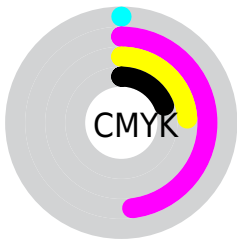
Distribution



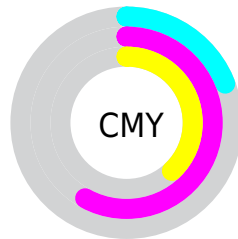
- Red (81%)
- Green (42%)
- Blue (62%)



- Red (81%)
- Yellow (42%)
- Blue (62%)



- Cyan (0%)
- Magenta (48%)
- Yellow (24%)
- Black (19%)



- Cyan (19%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.6000, 7.0992, 56.4788 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 142.6000, 7.0992, 56.4788 by changing the saturation by 10% instead.


 142.6000, 7.0992,
56.4788

 142.6000, 7.0992,
56.4788

255.0000, 0.0000,
0.0000


 115.7030, 7.5414,
54.6345


 194.9200, 8.4204,
52.6902


 89.2190, 8.2730,
53.3049

 214.5480, 12.5478,
35.4764


 61.9740, 9.8728,
53.5198

 232.6940, 10.9969,
19.5624

 35.4300, 11.6200,
53.1199

 249.7170, 2.6045,
4.6332

 24.8490, 5.9904,
38.7204

 15.4640, -0.2288,
26.7801

 0.0000, 0.0000,

0.0000

■ 142.6000, 7.0992,
56.4788

■ 142.6000, 7.0992,
56.4788

■ 129.1330, 8.8084,
68.2894

■ 156.0670, 5.3900,
44.6682

■ 116.1390, 9.7915,
79.6851

■ 169.0610, 4.4069,
33.2725

■ 102.6720, 11.5007,
91.4957

■ 182.5280, 2.6977,
21.4619

■ 89.2050, 13.2099,
103.3062

■ 195.9950, 0.9885,
9.6514

■ 75.6240, 14.4824,
115.2168

■ 209.5760, -0.2840,
-2.2592

■ 73.7490, 14.9137,
116.8611

■ 222.4560, -1.7038,
-13.5549

■ 235.9230, -3.4130,
-25.3655

■ 238.9380, 0.5236,
-28.0096

■ 240.0780, 4.8915,
-29.0094

Harmonies

Analogous

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



144.2940, 24.5051, 26.9292



142.6000, 7.0992, 56.4788



140.0300, -11.8468, 66.6257

Triad

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



142.6000, 7.0992, 56.4788



134.1030, -36.5328, 4.2947



114.9590, 41.9252, -100.8190

Complementary

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



142.6000, 7.0992, 56.4788



171.4000, -7.0992, -56.4788

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.



112.7300, 25.7691, -98.8642



142.6000, 7.0992, 56.4788



128.1830, -21.2892, -31.7325

Square

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



142.6000, 7.0992, 56.4788



136.7200, -38.8090, 34.4486



107.3550, 7.7130, -94.1503



112.4290, 52.5395, -98.6002

Rectangle

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



142.6000, 7.0992, 56.4788



139.4950, -23.9080, 61.8329



107.3550, 7.7130, -94.1503



114.9930, 36.9785, -100.8489

Sweetspot

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



142.6000, 7.0992, 56.4788



231.8160, 2.5557, 20.3324



133.3500, 36.3095, 20.7411



113.8320, 1.5618, 12.4253



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.



142.6000, 7.0992, 56.4788



159.6880, 10.5068, 83.5886



136.9000, -14.7407, 61.4777



97.8590, 0.5625, 6.2627



59.8080, 11.9267, 94.8844



14.5390, 2.6923, 23.2063

Inverse Universe

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



142.6000, 7.0992, 56.4788



159.6880, 10.5068, 83.5886



177.1000, 14.7407, -61.4777



97.8590, 0.5625, 6.2627



59.8080, 11.9267, 94.8844



14.5390, 2.6923, 23.2063

Previews

White Background



This preview shows how the YUV color 142.6000, 7.0992, 56.4788 looks on a white background.

Color Contrast Check

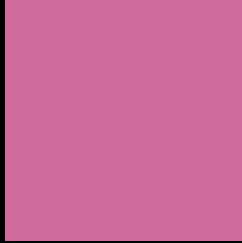
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.6000, 7.0992, 56.4788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

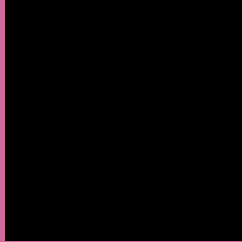
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.6000, 7.0992, 56.4788

Background



This preview shows how black text looks on a background with the YUV color 142.6000, 7.0992, 56.4788.



This preview shows how white text looks on a background with the YUV color 142.6000, 7.0992,

56.4788.

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

142.6000, 7.0992, 56.4788

Protanopia

141.0540, 18.2144, -8.8174

Deuteranopia

142.2980, 4.7831, 5.8777



Tritanopia

141.8220, -9.7722, 54.5301

Trichromacy



Original Color

142.6000, 7.0992, 56.4788

Protanomaly

141.4700, 14.0653, 15.3738

Deuteranomaly

142.3480, 5.7444, 24.2508

Tritanomaly

141.8420, -3.3731, 55.3896

Monochromacy



Original Color

142.6000, 7.0992, 56.4788

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.8160, 2.5557, 20.3324

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.6000, 7.0992, 56.4788 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(207, 107, 157)` looks like.

```
.text, #text, p{  
    color:rgb(207, 107, 157)  
}
```

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(207, 107, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 107, 157) }
```

Border

The CSS property to change the border of an element to YUV 142.6000, 7.0992, 56.4788 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(207, 107, 157) }
```


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

```
.border{ border-color:rgb(207, 107, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 107, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 107, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 107, 157);  
box-shadow:4px 4px 4px 4px rgb(207, 107,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 142.6000, 7.0992, 56.4788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 107, 157) }
```

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

```
.background{ background-color: rgb(207,  
107, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor