

Converting Colors

YUV(142.6370, 11.0250,
57.3234)

Have a look what the booklet for
YUV(142.6370, 11.0250, 57.3234)
contains.

YUV(142.6370, 11.0250, 57.3234)	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(142.6370, 11.0250,
57.3234)**

Conversions

Conversions Part 1

Format	Color
Hex	D069A5
RGB	208, 105, 165
RGB Percent	82%, 41%, 65%
CMY	0.1843, 0.5882, 0.3529
CMYK	0.00, 0.50, 0.21, 0.18
HSL	325°, 52%, 61%
HSV	325°, 50%, 82%
XYZ	37.8555, 26.2297, 38.6649
YIQ	142.6370, 42.1280, 40.4960

Conversions

Conversions Part 2

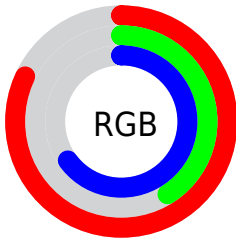
Format	Color
R _Y B	208, 105, 165
Decimal	13658533
CIE Lab	58.25, 47.81, -13.60
CIE LCh	58, 49.710, 344.119
Yxy	26.2297, 0.3684, 0.2553
Android (android.graphics.Color)	4291848613 (0xFFD069A5)
YUV	142.6370, 11.0250, 57.3234
Hunter-Lab	51.2149, 42.3123, -8.9108

Details

The YUV color **142.6370, 11.0250, 57.3234** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **170.3630, -11.0250, -57.3234**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.6580, 12.4936, 52.9199**, and **88.5550, 12.0514, 54.7643** is the 20% darker color. If you saturate the color by 10%, you get **129.2840, 13.1710, 69.0339**, and if you desaturate by 10%, it is **155.9900, 8.8789, 45.6128**.

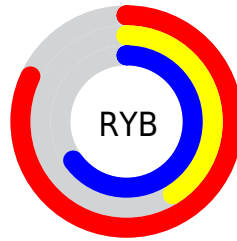
Distribution



Red (82%)

Green (41%)

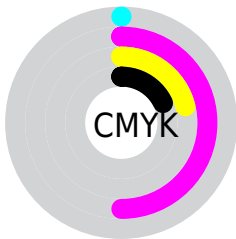
Blue (65%)



Red (82%)

Yellow (41%)

Blue (65%)

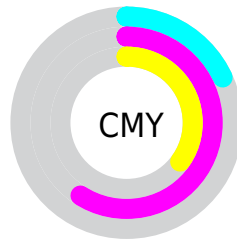


Cyan (0%)

Magenta (50%)

Yellow (21%)

Black (18%)



Cyan (18%)


Magenta (59%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.6370, 11.0250, 57.3234 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 142.6370, 11.0250, 57.3234 by changing the saturation by 10% instead.

 142.6370, 11.0250,
57.3234

 142.6370, 11.0250,
57.3234


255.0000, 0.0000,
0.0000


 115.7400, 11.4672,
55.4790


 194.6580, 12.4936,
52.9199


 88.5550, 12.0514,
54.7643

 214.4000, 17.0578,
35.6062

 60.1360, 14.2300,
56.0087

 232.1070, 11.2862,
20.0772

 36.4130, 14.0934,
53.1348

 249.1300, 2.8939,
5.1480

 25.8320, 8.4638,
38.7353

 16.6750, 3.1182,
26.5950

 0.0000, 0.0000,

0.0000

■ 142.6370, 11.0250,
57.3234

■ 142.6370, 11.0250,
57.3234

■ 129.2840, 13.1710,
69.0339

■ 155.9900, 8.8789,
45.6128

■ 116.0450, 15.7538,
80.6445

■ 169.2290, 6.2961,
34.0022

■ 103.2790, 17.6105,
91.8403

■ 181.9950, 4.4395,
22.8064

■ 89.9260, 19.7565,
103.5509

■ 195.3480, 2.2934,
11.0958

■ 76.6870, 22.3393,
115.1615

■ 208.5870, -0.2894,
-0.5148

■ 75.9860, 22.1919,
115.7763

■ 221.9400, -2.4354,
-12.2254

■ 235.2930, -4.5814,
-23.9360

■ 238.5530, -2.2446,
-26.7950

■ 239.5790, 1.6866,
-27.6948

Harmonies

Analogous

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



144.1130, 29.0313, 21.8259



142.6370, 11.0250, 57.3234



139.7470, -9.2423, 71.2589

Triad

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



142.6370, 11.0250, 57.3234



133.5830, -41.2064, 10.0127



116.1330, 41.3464, -101.8486

Complementary

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



142.6370, 11.0250, 57.3234



170.3630, -11.0250, -57.3234

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.



113.3340, 23.0063, -99.3939



142.6370, 11.0250, 57.3234



127.6520, -25.9574, -27.7588

Square

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



142.6370, 11.0250, 57.3234



136.8950, -40.8672, 41.3111



107.0300, 3.9292, -93.8653



114.0590, 53.7079, -100.0297

Rectangle

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



142.6370, 11.0250, 57.3234



138.6960, -22.0351, 67.7956



107.0300, 3.9292, -93.8653



115.3520, 35.8155, -101.1637

Sweetspot

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



142.6370, 11.0250, 57.3234



230.8700, 4.0081, 21.1620



129.5990, 38.6517, 16.1377



113.3590, 2.2880, 12.8402



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.



142.6370, 11.0250, 57.3234



159.7680, 15.8904, 83.5185



136.8230, -11.2517, 62.4222



97.9730, 0.9993, 6.1627



61.4040, 18.0418, 93.4847



14.9950, 4.4395, 22.8064

Inverse Universe

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



142.6370, 11.0250, 57.3234



159.7680, 15.8904, 83.5185



176.1770, 11.2517, -62.4222



97.9730, 0.9993, 6.1627



61.4040, 18.0418, 93.4847



14.9950, 4.4395, 22.8064

Previews

White Background



This preview shows how the YUV color 142.6370, 11.0250, 57.3234 looks on a white background.

Color Contrast Check

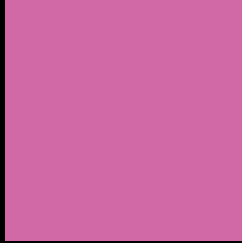
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.6370, 11.0250, 57.3234 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 142.6370, 11.0250, 57.3234

Background



This preview shows how black text looks on a background with the YUV color 142.6370, 11.0250, 57.3234.



This preview shows how white text looks on a background with the YUV color 142.6370, 11.0250,

57.3234.

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

142.6370, 11.0250, 57.3234

Protanopia

140.8130, 23.7562, -12.9910

Deuteranopia

142.0140, 8.8671, 2.6187



Tritanopia

141.8220, -9.7722, 54.5301

Trichromacy



Original Color

142.6370, 11.0250, 57.3234

Protanomaly

141.7130, 18.8755, 12.5297

Deuteranomaly

142.0750, 9.8230, 22.7362

Tritanomaly

142.1840, -2.0627, 55.0896

Monochromacy



Original Color

142.6370, 11.0250, 57.3234

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.8700, 4.0081, 21.1620

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.6370, 11.0250, 57.3234 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, 105, 165)` looks like.

```
.text, #text, p{  
    color:rgb(208, 105, 165)  
}
```

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, 105, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 105, 165) }
```

Border

The CSS property to change the border of an element to YUV 142.6370, 11.0250, 57.3234 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, 105, 165) }
```


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

```
.border{ border-color:rgb(208, 105, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 105, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 105, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 105, 165);  
box-shadow:4px 4px 4px 4px rgb(208, 105,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 142.6370, 11.0250, 57.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 105, 165) }
```

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

```
.background{ background-color: rgb(208,  
105, 165) }
```

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