

# Converting Colors

YUV(142.0620, 26.5914,  
57.8276)

Have a look what the booklet for  
YUV(142.0620, 26.5914, 57.8276)  
contains.

<b>YUV(142.0620, 26.5914, 57.8276)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(142.0620, 26.5914,  
57.8276)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D062C4
RGB	208, 98, 196
RGB Percent	82%, 38%, 77%
CMY	0.1843, 0.6157, 0.2314
CMYK	0.00, 0.53, 0.06, 0.18
HSL	307°, 54%, 60%
HSV	307°, 53%, 82%
XYZ	40.3439, 26.1308, 55.1419
YIQ	142.0620, 34.1020, 53.7980

# Conversions

## Conversions Part 2

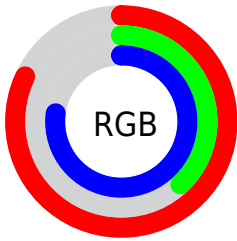
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	208, 98, 196
Decimal	13656772
CIE Lab	58.16, 56.11, -31.55
CIE LCh	58, 64.370, 330.646
Yxy	26.1308, 0.3317, 0.2149
Android (android.graphics.Color)	4291846852 (0xFFD062C4)
YUV	142.0620, 26.5914, 57.8276
Hunter-Lab	51.1183, 51.4200, -28.1741

# Details

The YUV color **142.0620, 26.5914, 57.8276** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **163.9380, -26.5914, -57.8276**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.8980, 28.6443, 52.7095**, and **85.9910, 27.6124, 57.0129** is the 20% darker color. If you saturate the color by 10%, you get **129.5070, 31.7950, 68.8384**, and if you desaturate by 10%, it is **154.6170, 21.3878, 46.8169**.

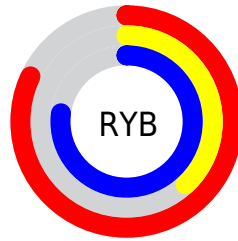
# Distribution



Red (82%)

Green (38%)

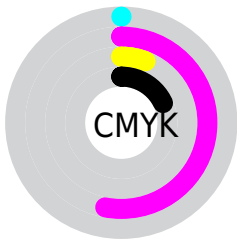
Blue (77%)



Red (82%)

Yellow (38%)

Blue (77%)

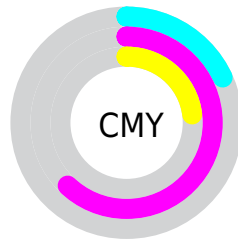


Cyan (0%)

Magenta (53%)

Yellow (6%)

Black (18%)



Cyan (18%)

Magenta (62%)


Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 142.0620, 26.5914, 57.8276 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 142.0620, 26.5914, 57.8276 by changing the saturation by 10% instead.





 142.0620, 26.5914,  
57.8276


 142.0620, 26.5914,  
57.8276


255.0000, 0.0000,  
0.0000


 114.4640, 26.8862,  
56.5981


 194.8980, 28.6443,  
52.7095


 85.9910, 27.6124,  
57.0129


 211.5620, 21.4149,  
38.0951


 50.5880, 32.2481,  
63.5053

 228.5850, 13.0226,  
23.1660

 39.0780, 25.5975,  
49.9206

 245.6080, 4.6303,  
8.2368

 28.5680, 18.9470,  
36.3359

 18.8840, 12.8752,  
23.7807

 2.6220, 10.0464,

-2.2995

■ 0.0000, 0.0000,  
0.0000

■ 142.0620, 26.5914,  
57.8276

■ 142.0620, 26.5914,  
57.8276

■ 129.5070, 31.7950,  
68.8384

■ 154.6170, 21.3878,  
46.8169

■ 116.8380, 36.5619,  
79.9491

■ 167.2860, 16.6210,  
35.7062

■ 104.8700, 41.4761,  
90.4450

■ 179.2540, 11.7068,  
25.2102

■ 92.3150, 46.6797,  
101.4557

■ 191.8090, 6.5032,  
14.1995

■ 83.2820, 50.1470,  
109.3777

■ 204.3640, 1.2995,  
3.1888

■ 217.0330, -3.4673,  
-7.9219

■ 229.5880, -8.6709,  
-18.9327

■ 236.2730,  
-10.9806, -24.7954

■ 236.5010,  
-10.1070, -24.9954

# Harmonies

## Analogous

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



141.3670, 47.1471, -2.0759



142.0620, 26.5914, 57.8276



135.3700, 2.7756, 90.0065

# Triad

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



142.0620, 26.5914, 57.8276



130.6400, -64.4055, 31.0107



119.1990, 37.8629, -104.5375

# Complementary

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



142.0620, 26.5914, 57.8276



163.9380, -26.5914, -57.8276

# 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.



113.2880, 12.6760, -99.3536



142.0620, 26.5914, 57.8276



125.5940, -48.1138, -14.5529

# Square

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



142.0620, 26.5914, 57.8276



134.8010, -48.2159, 65.0725



104.3280, -11.5007, -91.4957



121.0520, 57.6554, -106.1626



# Rectangle

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



142.0620, 26.5914, 57.8276



134.0980, -14.8383, 92.8761



104.3280, -11.5007, -91.4957



117.7340, 29.7111, -103.2527

# Sweetspot

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



142.0620, 26.5914, 57.8276



230.4770, 10.1178, 21.5067



113.8290, 46.4263, -4.2350



112.9830, 5.9244, 13.1699



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.



142.0620, 26.5914, 57.8276



158.4410, 38.7296, 84.6822



135.9060, 3.0043, 63.2264



98.3150, 2.3097, 5.8627



67.3320, 40.7553, 88.2858



16.3630, 9.6810, 21.6066



# Inverse Universe

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



142.0620, 26.5914, 57.8276



158.4410, 38.7296, 84.6822



170.0940, -3.0043, -63.2264



98.3150, 2.3097, 5.8627



67.3320, 40.7553, 88.2858



16.3630, 9.6810, 21.6066



# Previews

## White Background



This preview shows how the YUV color 142.0620, 26.5914, 57.8276 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

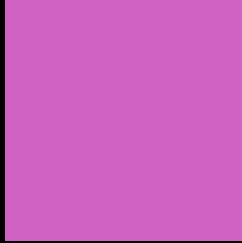
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 142.0620, 26.5914, 57.8276 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

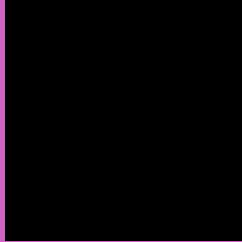
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 142.0620, 26.5914, 57.8276

## Background



This preview shows how black text looks on a background with the YUV color 142.0620, 26.5914, 57.8276.



This preview shows how white text looks on a background with the YUV color 142.0620, 26.5914,



# 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

142.0620, 26.5914, 57.8276

### Protanopia

137.6210, 45.0498, -29.4856

### Deuteranopia

140.2260, 24.0456, -12.4762



## Tritanopia

141.4410, -8.5984, 51.3562

# Trichromacy



## Original Color

142.0620, 26.5914, 57.8276

## Protanomaly

139.3970, 38.2583, 2.2828

## Deuteranomaly

140.7330, 25.2746, 13.3892

## Tritanomaly

141.7800, 4.0525, 53.6899

# Monochromacy



## Original Color

142.0620, 26.5914, 57.8276

## Achromatopsia

142.0000, 0.0000, 0.0000

## Achromatomaly

142.0640, 9.8284, 20.9919

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 142.0620, 26.5914, 57.8276 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, 98, 196)` looks like.

```
.text, #text, p{  
    color:rgb(208, 98, 196)  
}
```

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, 98, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 98, 196) }
```

## Border

The CSS property to change the border of an element to YUV 142.0620, 26.5914, 57.8276 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, 98, 196) }
```



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

```
.border{ border-color:rgb(208, 98, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 98, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 98, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 98, 196);  
box-shadow:4px 4px 4px 4px rgb(208, 98,  
196) }
```

# Background

The CSS property to change the background color of an element to YUV 142.0620, 26.5914, 57.8276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 98, 196) }
```

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

```
.background{ background-color: rgb(208, 98,  
196) }
```

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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