

# Converting Colors

YUV(141.0360, 22.6603,  
58.7274)

Have a look what the booklet for  
YUV(141.0360, 22.6603, 58.7274)  
contains.

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# Color

**YUV(141.0360, 22.6603,  
58.7274)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D062BB
RGB	208, 98, 187
RGB Percent	82%, 38%, 73%
CMY	0.1843, 0.6157, 0.2667
CMYK	0.00, 0.53, 0.10, 0.18
HSL	311°, 54%, 60%
HSV	311°, 53%, 82%
XYZ	39.3497, 25.7331, 49.9067
YIQ	141.0360, 36.9910, 50.9990

# Conversions

## Conversions Part 2

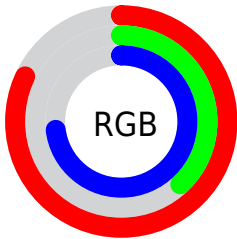
Format	Color
R <sub>Y</sub> B	208, 98, 187
Decimal	13656763
CIE <sub>Lab</sub>	57.78, 54.62, -26.99
CIE <sub>LCh</sub>	58, 60.929, 333.703
Yxy	25.7331, 0.3422, 0.2238
Android (android.graphics.Color)	4291846843 (0xFFD062BB)
YUV	141.0360, 22.6603, 58.7274
Hunter-Lab	50.7278, 49.6894, -22.8209

# Details

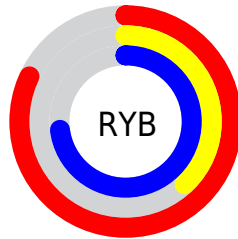
The YUV color **141.0360, 22.6603, 58.7274** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **164.9640, -22.6603, -58.7274**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7580, 24.2763, 53.7092**, and **85.0790, 24.1181, 57.8127** is the 20% darker color. If you saturate the color by 10%, you get **128.2530, 26.9903, 69.9381**, and if you desaturate by 10%, it is **153.8190, 18.3302, 47.5167**.

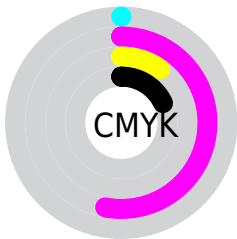
# Distribution



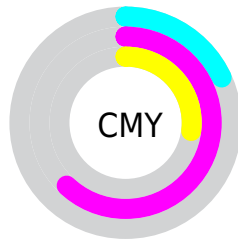
- Red (82%)
- Green (38%)
- Blue (73%)



- Red (82%)
- Yellow (38%)
- Blue (73%)



- Cyan (0%)
- Magenta (53%)
- Yellow (10%)
- Black (18%)




- Cyan (18%)
- Magenta (62%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 141.0360, 22.6603, 58.7274 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 141.0360, 22.6603, 58.7274 by changing the saturation by 10% instead.





 141.0360, 22.6603,  
58.7274


 141.0360, 22.6603,  
58.7274


255.0000, 0.0000,  
0.0000


 113.4380, 22.9551,  
57.4979


 193.7580, 24.2763,  
53.7092


 85.0790, 24.1181,  
57.8127


 211.5620, 21.4149,  
38.0951

 50.8500, 28.1749,  
63.2755

 227.9980, 13.3120,  
23.6808

 38.1660, 22.1032,  
50.7204

 245.0210, 4.9196,  
8.7516

 27.7700, 15.8894,  
37.0357

 18.0860, 9.8176,  
24.4806

 1.5960, 6.1152,

-1.3997

0.0000, 0.0000,  
0.0000

141.0360, 22.6603,  
58.7274

141.0360, 22.6603,  
58.7274

128.2530, 26.9903,  
69.9381

153.8190, 18.3302,  
47.5167

115.4700, 31.3203,  
81.1488

166.6020, 14.0002,  
36.3060

103.2740, 35.3609,  
91.8447

178.7980, 9.9596,  
25.6102

90.4910, 39.6909,  
103.0554

191.5810, 5.6296,  
14.3995

81.3440, 42.7214,  
111.0773

204.3640, 1.2995,  
3.1888

■ 217.1470, -3.0305,  
-8.0219

■ 229.9300, -7.3605,  
-19.2326

■ 236.8430, -8.7966,  
-25.2953

■ 237.2990, -7.0494,  
-25.6952

# Harmonies

## Analogous

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



141.8580, 42.4680, 5.3865



141.0360, 22.6603, 58.7274



135.4250, -0.7025, 85.5733

# Triad

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



141.0360, 22.6603, 58.7274



129.5730, -59.4425, 25.8075



118.1390, 38.8785, -103.6079

# Complementary

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



141.0360, 22.6603, 58.7274



164.9640, -22.6603, -58.7274

# 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.



112.6840, 15.4388, -98.8239



141.0360, 22.6603, 58.7274



124.9940, -41.4090, -18.4117

# Square

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



141.0360, 22.6603, 58.7274



134.1100, -46.8892, 59.5395



104.0660, -7.4275, -91.2659



118.8350, 56.7763, -104.2183



# Rectangle

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



141.0360, 22.6603, 58.7274



134.3700, -17.4374, 86.4985



104.0660, -7.4275, -91.2659



116.7880, 31.1635, -102.4231

# Sweetspot

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



141.0360, 22.6603, 58.7274



230.0210, 8.3706, 21.9066



116.5200, 45.0996, 1.2980



112.7550, 5.0508, 13.3699



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.



141.0360, 22.6603, 58.7274



156.9590, 33.0512, 85.9820



134.8800, -0.9268, 64.1262



98.3150, 2.3097, 5.8627



65.7360, 34.6402, 89.6855



16.0210, 8.3706, 21.9066



# Inverse Universe

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



141.0360, 22.6603, 58.7274



156.9590, 33.0512, 85.9820



171.1200, 0.9268, -64.1262



98.3150, 2.3097, 5.8627



65.7360, 34.6402, 89.6855



16.0210, 8.3706, 21.9066



# Previews

## White Background



This preview shows how the YUV color 141.0360, 22.6603, 58.7274 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

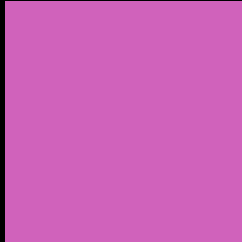
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 141.0360, 22.6603, 58.7274 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

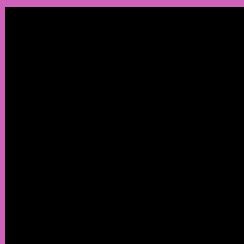
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 141.0360, 22.6603, 58.7274

## Background



This preview shows how black text looks on a background with the YUV color 141.0360, 22.6603, 58.7274.



This preview shows how white text looks on a background with the YUV color 141.0360, 22.6603, 58.7274.



# 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

141.0360, 22.6603, 58.7274

### Protanopia

137.8620, 39.5080, -25.3120

### Deuteranopia

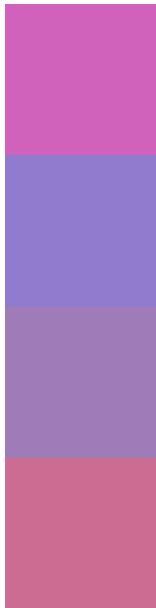
140.1080, 19.6668, -7.9877



## Tritanopia

140.3380, -9.0406, 53.2006

# Trichromacy



## Original Color

141.0360, 22.6603, 58.7274

## Protanomaly

139.1540, 33.4481, 5.1269

## Deuteranomaly

140.6040, 20.9012, 16.1333

## Tritanomaly

141.0360, 2.4473, 55.2194

# Monochromacy



## Original Color

141.0360, 22.6603, 58.7274

## Achromatopsia

141.0000, 0.0000, 0.0000

## Achromatomaly

140.7220, 8.5181, 21.2918

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 141.0360, 22.6603, 58.7274 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(208, 98, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 98, 187) }
```

## Border

The CSS property to change the border of an element to YUV 141.0360, 22.6603, 58.7274 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, 187) }
```



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

```
.border{ border-color:rgb(208, 98, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 98, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 98, 187);  
box-shadow:4px 4px 4px 4px rgb(208, 98,  
187) }
```

# Background

The CSS property to change the background color of an element to YUV 141.0360, 22.6603, 58.7274 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, 187) }
```

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

```
.background{ background-color: rgb(208, 98,  
187) }
```

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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