

# Converting Colors

YUV(143.3160, 31.3962,  
56.7279)

Have a look what the booklet for  
YUV(143.3160, 31.3962, 56.7279)  
contains.

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# Color

**YUV(143.3160, 31.3962,  
56.7279)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D062CF
RGB	208, 98, 207
RGB Percent	82%, 38%, 81%
CMY	0.1843, 0.6157, 0.1882
CMYK	0.00, 0.53, 0.00, 0.18
HSL	301°, 54%, 60%
HSV	301°, 53%, 82%
XYZ	41.6426, 26.6503, 61.9807
YIQ	143.3160, 30.5710, 57.2190

# Conversions

## Conversions Part 2

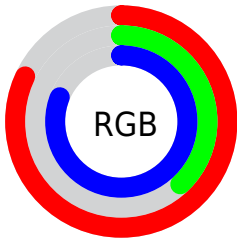
Format	Color
R <sub>YB</sub>	208, 98, 207
Decimal	13656783
CIE Lab	58.65, 57.99, -37.05
CIE LCh	59, 68.815, 327.427
Yxy	26.6503, 0.3197, 0.2046
Android (android.graphics.Color)	4291846863 (0xFFD062CF)
YUV	143.3160, 31.3962, 56.7279
Hunter-Lab	51.6239, 53.6459, -35.0481

# Details

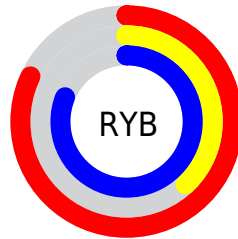
The YUV color **143.3160, 31.3962, 56.7279** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **162.6840, -31.3962, -56.7279**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1260, 29.5179, 52.5095**, and **86.5440, 32.2698, 56.5279** is the 20% darker color. If you saturate the color by 10%, you get **130.9890, 37.4734, 67.5386**, and if you desaturate by 10%, it is **155.6430, 25.3190, 45.9171**.

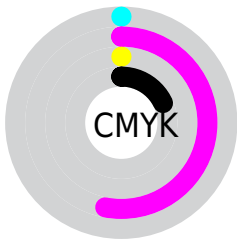
# Distribution



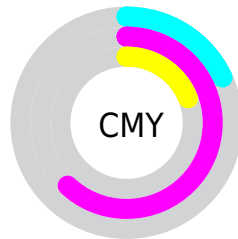
- Red (82%)
- Green (38%)
- Blue (81%)



- Red (82%)
- Yellow (38%)
- Blue (81%)



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




- Cyan (18%)
- Magenta (62%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 143.3160, 31.3962, 56.7279 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 143.3160, 31.3962, 56.7279 by changing the saturation by 10% instead.





 143.3160, 31.3962,  
56.7279


 143.3160, 31.3962,  
56.7279


255.0000, 0.0000,  
0.0000


 115.0170, 31.5436,  
56.1131


 195.1260, 29.5179,  
52.5095


 86.5440, 32.2698,  
56.5279


 211.5620, 21.4149,  
38.0951


 51.1410, 36.9055,  
63.0203

 228.5850, 13.0226,  
23.1660

 40.1040, 29.5287,  
49.0208

 245.6080, 4.6303,  
8.2368

 29.2950, 23.0256,  
34.8213

 19.7960, 16.3696,  
22.9809

 4.3170, 12.6617,

-1.1550

■ 0.1140, 0.4368,  
-0.1000

■ 0.0000, 0.0000,  
0.0000

■ 143.3160, 31.3962,  
56.7279

■ 143.3160, 31.3962,  
56.7279

■ 130.9890, 37.4734,  
67.5386

■ 155.6430, 25.3190,  
45.9171

■ 118.6620, 43.5506,  
78.3494

■ 167.9700, 19.2418,  
35.1063

■ 106.8080, 48.9017,  
88.7454

■ 179.8240, 13.8908,  
24.7104

■ 94.4810, 54.9789,  
99.5562

■ 192.1510, 7.8136,  
13.8996

85.6760, 59.3197,  
107.2781

204.4780, 1.7363,  
3.0888

216.8050, -4.3409,  
-7.7220

229.1320,  
-10.4181, -18.5328

235.7030,  
-13.1646, -24.2955

# Harmonies

## Analogous

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



141.2070, 53.1419, -11.5825



143.3160, 31.3962, 56.7279



135.1410, 6.8325, 95.4693

# Triad

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



143.3160, 31.3962, 56.7279



132.1460, -65.1480, 35.8290



120.8460, 36.5579, -105.9819

# Complementary

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



143.3160, 31.3962, 56.7279



162.6840, -31.3962, -56.7279

# 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.



113.8920, 9.9132, -99.8833



143.3160, 31.3962, 56.7279



125.0110, -60.6444, -8.7796

# Square

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



143.3160, 31.3962, 56.7279



134.8020, -49.6954, 72.9646



104.4760, -16.0107, -91.6255



123.2690, 58.5344, -108.1069



# Rectangle

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



143.3160, 31.3962, 56.7279



132.9510, -11.8078, 100.8980



104.4760, -16.0107, -91.6255



119.2670, 27.9694, -104.5972

# Sweetspot

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



143.3160, 31.3962, 56.7279



230.9330, 11.8650, 21.1068



110.5400, 48.0478, -10.9976



113.2110, 6.7980, 12.9700



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.



143.3160, 31.3962, 56.7279



160.3790, 46.1552, 82.9826



137.1600, 7.8091, 62.1267



98.4290, 2.7465, 5.7628



69.2700, 48.1809, 86.5862



16.8190, 11.4282, 21.2067



# Inverse Universe

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



143.3160, 31.3962, 56.7279



160.3790, 46.1552, 82.9826



168.8400, -7.8091, -62.1267



98.4290, 2.7465, 5.7628



69.2700, 48.1809, 86.5862

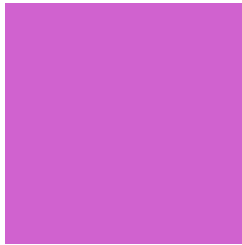


16.8190, 11.4282, 21.2067



# Previews

## White Background



This preview shows how the YUV color 143.3160, 31.3962, 56.7279 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

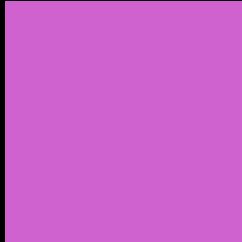
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 143.3160, 31.3962, 56.7279 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

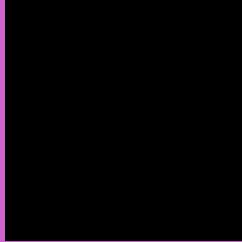
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 143.3160, 31.3962, 56.7279

## Background



This preview shows how black text looks on a background with the YUV color 143.3160, 31.3962, 56.7279.



This preview shows how white text looks on a background with the YUV color 143.3160, 31.3962,



# 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

143.3160, 31.3962, 56.7279

### Protanopia

137.5970, 51.4707, -35.6036

### Deuteranopia

140.8600, 29.1560, -18.2942



## Tritanopia

142.9460, -7.8614, 48.2824

# Trichromacy



## Original Color

143.3160, 31.3962, 56.7279



## Protanomaly

139.2700, 44.2369, -1.9908



## Deuteranomaly

141.9650, 30.0903, 8.8007



## Tritanomaly

143.3390, 6.2419, 51.4457

# Monochromacy



## Original Color

143.3160, 31.3962, 56.7279



## Achromatopsia

143.0000, 0.0000, 0.0000



## Achromatomaly

143.4060, 11.1388, 20.6919

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.3160, 31.3962, 56.7279 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(208, 98, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 98, 207) }
```

## Border

The CSS property to change the border of an element to YUV 143.3160, 31.3962, 56.7279 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, 207) }
```



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

```
.border{ border-color:rgb(208, 98, 207) }
```

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, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 98, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 98, 207);  
box-shadow:4px 4px 4px 4px rgb(208, 98,  
207) }
```

# Background

The CSS property to change the background color of an element to YUV 143.3160, 31.3962, 56.7279 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, 207) }
```

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

```
.background{ background-color: rgb(208, 98,  
207) }
```

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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