

# Converting Colors

YUV(161.1400, 18.1720,  
51.6202)

Have a look what the booklet for  
YUV(161.1400, 18.1720, 51.6202)  
contains.

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# Color

**YUV(161.1400, 18.1720,  
51.6202)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC7CC6
RGB	220, 124, 198
RGB Percent	86%, 49%, 78%
CMY	0.1373, 0.5137, 0.2235
CMYK	0.00, 0.44, 0.10, 0.14
HSL	314°, 58%, 67%
HSV	314°, 44%, 86%
XYZ	46.9159, 33.7082, 57.4597
YIQ	161.1400, 33.4620, 43.3660

# Conversions

## Conversions Part 2

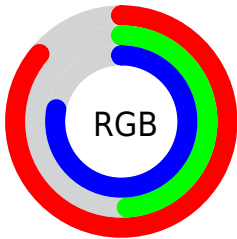
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 124, 198
Decimal	14449862
CIE Lab	64.73, 47.18, -22.43
CIE LCh	65, 52.238, 334.570
Yxy	33.7082, 0.3398, 0.2441
Android (android.graphics.Color)	4292639942 (0xFFDC7CC6)
YUV	161.1400, 18.1720, 51.6202
Hunter-Lab	58.0587, 42.6389, -18.0371

# Details

The YUV color **161.1400, 18.1720, 51.6202** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **182.8600, -18.1720, -51.6202**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3880, 21.9937, 39.1247**, and **106.8300, 18.3248, 49.2611** is the 20% darker color. If you saturate the color by 10%, you get **147.6560, 22.3546, 63.4457**, and if you desaturate by 10%, it is **174.6240, 13.9894, 39.7948**.

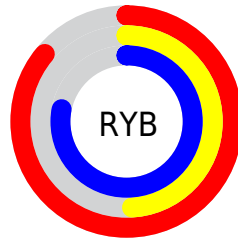
# Distribution



Red (86%)

Green (49%)

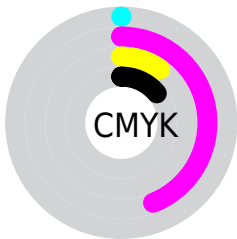
Blue (78%)



Red (86%)

Yellow (49%)

Blue (78%)

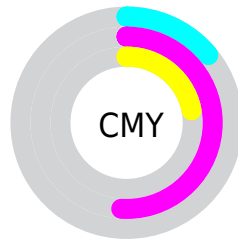


Cyan (0%)

Magenta (44%)

Yellow (10%)

Black (14%)



Cyan (14%)

Magenta (51%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 161.1400, 18.1720, 51.6202 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 161.1400, 18.1720, 51.6202 by changing the saturation by 10% instead.



161.1400, 18.1720,  
51.6202

161.1400, 18.1720,  
51.6202

255.0000, 0.0000,  
0.0000

133.5420, 18.4668,  
50.3907

210.3880, 21.9937,  
39.1247

106.8300, 18.3248,  
49.2611

226.8240, 13.8908,  
24.7104

80.5310, 18.4722,  
48.6463

243.8470, 5.4984,  
9.7812

51.4110, 20.5034,  
50.5056

32.3840, 18.0517,  
43.5132

22.4010, 12.1273,  
30.3433

12.5320, 6.6397,

17.0734

■ 0.0000, 0.0000,  
0.0000

■ 161.1400, 18.1720,  
51.6202

■ 161.1400, 18.1720,  
51.6202

■ 147.6560, 22.3546,  
63.4457

■ 174.6240, 13.9894,  
39.7948

■ 134.1720, 26.5372,  
75.2712

■ 188.1080, 9.8068,  
27.9693

■ 120.6880, 30.7198,  
87.0966

■ 201.5920, 5.6241,  
16.1438

■ 107.2040, 34.9024,  
98.9221

■ 215.0760, 1.4415,  
4.3183

■ 93.7200, 39.0850,  
110.7476

■ 228.5600, -2.7411,  
-7.5071

85.1600, 41.8261,  
118.2547

241.4570, -6.6343,  
-18.8178

242.0270, -4.4503,  
-19.3177

242.5970, -2.2663,  
-19.8176

243.1670, -0.0823,  
-20.3175

# Harmonies

## Analogous

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



160.5610, 36.2054, 7.4010



161.1400, 18.1720, 51.6202



158.0770, -2.9960, 74.4775

# Triad

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



161.1400, 18.1720, 51.6202



151.8080, -45.7543, 22.0934



128.8990, 39.4898, -113.0444

# Complementary

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



161.1400, 18.1720, 51.6202



182.8600, -18.1720, -51.6202

# 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.



124.2420, 19.1077, -108.9602



161.1400, 18.1720, 51.6202



146.7260, -34.8679, -16.4227

# Square

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



161.1400, 18.1720, 51.6202



154.6730, -40.7578, 52.9068



134.6500, -9.6875, -66.3451



128.4380, 55.4931, -112.6401



# Rectangle

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



161.1400, 18.1720, 51.6202



156.3040, -17.4049, 76.0324



134.6500, -9.6875, -66.3451



127.7760, 32.6484, -112.0596

# Sweetspot

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



161.1400, 18.1720, 51.6202



234.7170, 6.0555, 17.7882



141.2230, 38.8371, 3.3124



115.1030, 3.8932, 11.3107



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.



161.1400, 18.1720, 51.6202



173.5090, 25.3851, 71.4676



155.7820, -2.3575, 56.3192



103.2010, 1.8729, 5.9627



67.0030, 33.0295, 92.9594



17.7440, 8.5072, 24.7805



# Inverse Universe

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



161.1400, 18.1720, 51.6202



173.5090, 25.3851, 71.4676



188.2180, 2.3575, -56.3192



103.2010, 1.8729, 5.9627



67.0030, 33.0295, 92.9594



17.7440, 8.5072, 24.7805



# Previews

## White Background



This preview shows how the YUV color 161.1400, 18.1720, 51.6202 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

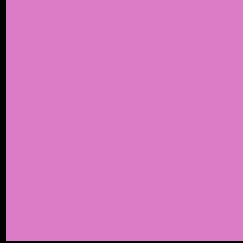
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 161.1400, 18.1720, 51.6202 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

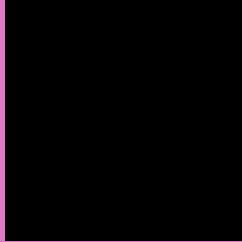
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 161.1400, 18.1720, 51.6202 Background



This preview shows how black text looks on a background with the YUV color 161.1400, 18.1720, 51.6202.



This preview shows how white text looks on a background with the YUV color 161.1400, 18.1720,



# 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

161.1400, 18.1720, 51.6202

### Protanopia

157.1420, 31.4820, -17.6645

### Deuteranopia

158.7450, 16.8877, -3.2844



## Tritanopia

159.7610, -7.2772, 47.5676

# Trichromacy



## Original Color

161.1400, 18.1720, 51.6202



## Protanomaly

158.7430, 26.7487, 7.2414



## Deuteranomaly

159.6920, 17.4068, 16.9331



## Tritanomaly

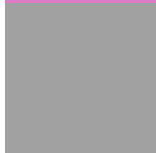
160.1770, 1.8847, 48.9568

# Monochromacy



## Original Color

161.1400, 18.1720, 51.6202



## Achromatopsia

161.0000, 0.0000, 0.0000



## Achromatomaly

161.1300, 6.3449, 18.3030

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 161.1400, 18.1720, 51.6202 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(220, 124, 198)` looks like.

```
.text, #text, p{  
    color:rgb(220, 124, 198)  
}
```

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(220, 124, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 124, 198) }
```

## Border

The CSS property to change the border of an element to YUV 161.1400, 18.1720, 51.6202 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(220, 124, 198) }
```



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

```
.border{ border-color:rgb(220, 124, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 124, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 124, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 124, 198);  
box-shadow:4px 4px 4px 4px rgb(220, 124,  
198) }
```

# Background

The CSS property to change the background color of an element to YUV 161.1400, 18.1720, 51.6202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 124, 198) }
```

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

```
.background{ background-color: rgb(220,  
124, 198) }
```

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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