

Converting Colors

YUV(161.6900, 17.4078,
63.4159)

Have a look what the booklet for
YUV(161.6900, 17.4078, 63.4159)
contains.

YUV(161.6900, 17.4078, 63.4159)	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(161.6900, 17.4078,
63.4159)**

Conversions

Conversions Part 1

Format	Color
Hex	EA76C5
RGB	234, 118, 197
RGB Percent	92%, 46%, 77%
CMY	0.0824, 0.5373, 0.2275
CMYK	0.00, 0.50, 0.16, 0.08
HSL	319°, 73%, 69%
HSV	319°, 50%, 92%
XYZ	50.4882, 34.4805, 56.8177
YIQ	161.6900, 43.7770, 49.1610

Conversions

Conversions Part 2

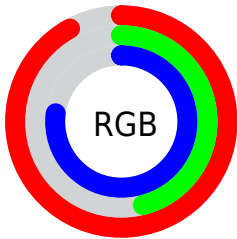
Format	Color
RYB	234, 118, 197
Decimal	15365829
CIELab	65.34, 54.32, -20.77
CIELCh	65, 58.159, 339.075
Yxy	34.4805, 0.3561, 0.2432
Android (android.graphics.Color)	4293555909 (0xFFEA76C5)
YUV	161.6900, 17.4078, 63.4159
Hunter-Lab	58.7201, 50.7160, -16.2651

Details

The YUV color **161.6900, 17.4078, 63.4159** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **190.3100, -17.4078, -63.4159**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.7520, 23.2933, 42.3135**, and **105.9070, 18.2868, 61.4716** is the 20% darker color. If you saturate the color by 10%, you get **147.3910, 21.0062, 75.9561**, and if you desaturate by 10%, it is **175.9890, 13.8094, 50.8756**.

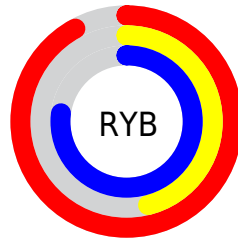
Distribution



Red (92%)

Green (46%)

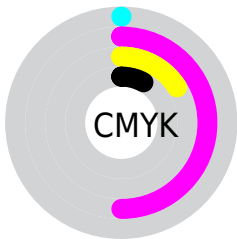
Blue (77%)



Red (92%)

Yellow (46%)

Blue (77%)

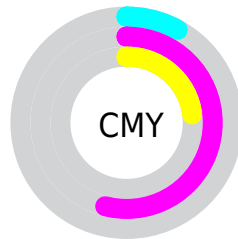


Cyan (0%)

Magenta (50%)

Yellow (16%)

Black (8%)



Cyan (8%)

Magenta (54%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 161.6900, 17.4078, 63.4159 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 161.6900, 17.4078, 63.4159 by changing the saturation by 10% instead.


 161.6900, 17.4078,
63.4159


 161.6900, 17.4078,
63.4159

255.0000, 0.0000,
0.0000


 134.0920, 17.7026,
62.1863


 206.7520, 23.2933,
42.3135


 105.9070, 18.2868,
61.4716


 223.8890, 15.3377,
27.2843

 77.5480, 19.4498,
61.7864

 240.9120, 6.9454,
12.3552

 46.4820, 22.9334,
64.4753

 35.6730, 16.4302,
50.2758

 24.9780, 10.3638,
35.9763

 15.1090, 4.8763,

22.7064

■ 0.0000, 0.0000,
0.0000

■ 161.6900, 17.4078,
63.4159

■ 161.6900, 17.4078,
63.4159

■ 147.3910, 21.0062,
75.9561

■ 175.9890, 13.8094,
50.8756

■ 132.3910, 24.4572,
89.1111

■ 190.9890, 10.3584,
37.7206

■ 118.0920, 28.0556,
101.6513

■ 205.2880, 6.7600,
25.1804

■ 103.0920, 31.5066,
114.8063

■ 220.2880, 3.3090,
12.0254

■ 88.7930, 35.1051,
127.3465

■ 234.5870, -0.2894,
-0.5148

■ 88.0920, 34.9576,
127.9613

■ 247.2390, -2.5828,
-11.6106

■ 248.0370, 0.4748,
-12.3104

■ 248.7210, 3.0955,
-12.9103

Harmonies

Analogous

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



162.7840, 38.0675, 16.8524



161.6900, 17.4078, 63.4159



157.6330, -6.2281, 84.5139

Triad

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



161.6900, 17.4078, 63.4159



151.2930, -51.4164, 18.1600



132.2560, 44.7368, -115.9885

Complementary

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



161.6900, 17.4078, 63.4159



190.3100, -17.4078, -63.4159

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.



127.7300, 22.3181, -112.0192



161.6900, 17.4078, 63.4159



145.1440, -35.5670, -25.5593

Square

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



161.6900, 17.4078, 63.4159



155.1370, -47.8885, 53.3769



119.8130, -0.4008, -105.0760



131.2080, 61.0295, -115.0694

Rectangle

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



161.6900, 17.4078, 63.4159



156.3820, -22.3733, 82.9800



119.8130, -0.4008, -105.0760



131.1330, 37.8954, -115.0036

Sweetspot

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



161.6900, 17.4078, 63.4159



231.3260, 5.7553, 20.7621



142.2870, 45.2145, 11.1493



113.5870, 3.1616, 12.6402



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.



161.6900, 17.4078, 63.4159



161.4780, 22.4423, 82.0188



155.0780, -7.9265, 69.2146



110.2010, 1.8729, 5.9627



68.1410, 27.0455, 98.9773



20.2500, 7.7648, 29.5987

Inverse Universe

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



161.6900, 17.4078, 63.4159



161.4780, 22.4423, 82.0188



196.9220, 7.9265, -69.2146



110.2010, 1.8729, 5.9627



68.1410, 27.0455, 98.9773



20.2500, 7.7648, 29.5987

Previews

White Background



This preview shows how the YUV color 161.6900, 17.4078, 63.4159 looks on a white background.

Color Contrast Check

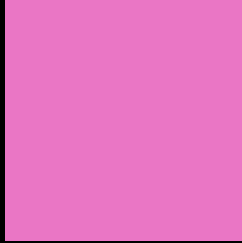
Large Text (above 18pt) WCAG AA × Fail

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 161.6900, 17.4078, 63.4159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

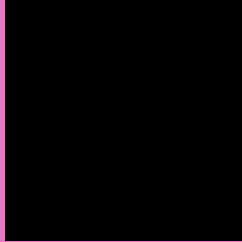
Any Text WCAG AA ✓ Pass

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 161.6900, 17.4078, 63.4159 Background



This preview shows how black text looks on a background with the YUV color 161.6900, 17.4078, 63.4159.



This preview shows how white text looks on a background with the YUV color 161.6900, 17.4078,

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

161.6900, 17.4078, 63.4159

Protanopia

159.1850, 32.9398, -18.5792

Deuteranopia

160.3000, 15.1351, -1.1401



Tritanopia

160.4420, -10.0779, 59.2484

Trichromacy



Original Color

161.6900, 17.4078, 63.4159



Protanomaly

160.1780, 27.0272, 11.2449



Deuteranomaly

160.9700, 15.7908, 21.9513



Tritanomaly

161.0860, -0.0424, 60.4376

Monochromacy



Original Color

161.6900, 17.4078, 63.4159



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

161.8640, 6.4760, 22.9213

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.6900, 17.4078, 63.4159 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(234, 118, 197)` looks like.

```
.text, #text, p{  
    color:rgb(234, 118, 197)  
}
```

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(234, 118, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 118, 197) }
```

Border

The CSS property to change the border of an element to YUV 161.6900, 17.4078, 63.4159 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(234, 118, 197) }
```


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

```
.border{ border-color:rgb(234, 118, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 118, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 118, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 118, 197);  
box-shadow:4px 4px 4px 4px rgb(234, 118,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 161.6900, 17.4078, 63.4159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 118, 197) }
```

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

```
.background{ background-color: rgb(234,  
118, 197) }
```

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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