

Converting Colors

YUV(176.4020, 30.8608,
41.7434)

Have a look what the booklet for
YUV(176.4020, 30.8608, 41.7434)
contains.

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Color

**YUV(176.4020, 30.8608,
41.7434)**

Conversions

Conversions Part 1

Format	Color
Hex	E08CEF
RGB	224, 140, 239
RGB Percent	88%, 55%, 94%
CMY	0.1216, 0.4510, 0.0627
CMYK	0.06, 0.41, 0.00, 0.06
HSL	291°, 76%, 74%
HSV	291°, 41%, 94%
XYZ	55.6985, 40.8355, 86.6078
YIQ	176.4020, 18.2850, 48.5970

Conversions

Conversions Part 2

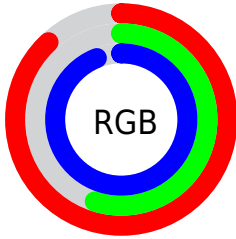
Format	Color
R _Y B	224, 140, 239
Decimal	14716143
CIE Lab	70.06, 47.46, -36.93
CIE LCh	70, 60.137, 322.115
Yxy	40.8355, 0.3041, 0.2230
Android (android.graphics.Color)	4292906223 (0xFFE08CEF)
YUV	176.4020, 30.8608, 41.7434
Hunter-Lab	63.9026, 43.7538, -35.6244

Details

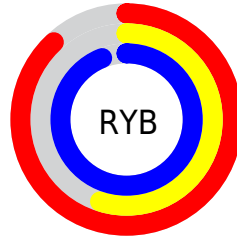
The YUV color **176.4020, 30.8608, 41.7434** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **202.5980, -30.8608, -41.7434**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7800, 17.3635, 30.8879**, and **121.8640, 30.1400, 39.5843** is the 20% darker color. If you saturate the color by 10%, you get **161.1180, 38.3958, 51.6395**, and if you desaturate by 10%, it is **191.6860, 23.3258, 31.8474**.

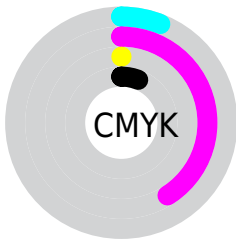
Distribution



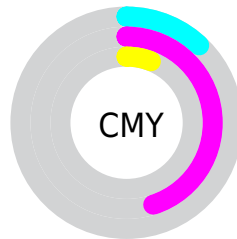
- Red (88%)
- Green (55%)
- Blue (94%)



- Red (88%)
- Yellow (55%)
- Blue (94%)



- Cyan (6%)
- Magenta (41%)
- Yellow (0%)
- Black (6%)





- Cyan (12%)
- Magenta (45%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.4020, 30.8608, 41.7434 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 176.4020, 30.8608, 41.7434 by changing the saturation by 10% instead.


 176.4020, 30.8608,
41.7434

 176.4020, 30.8608,
41.7434


255.0000, 0.0000,
0.0000


 148.5760, 30.2820,
40.7138


 219.7800, 17.3635,
30.8879


 121.8640, 30.1400,
39.5843


 236.8030, 8.9711,
15.9588

 95.1520, 29.9981,
38.4547

 253.8260, 0.5788,
1.0296

 69.0380, 29.5613,
38.5547

 38.1570, 32.4606,
41.9583

 26.9460, 25.6626,
28.9884

 18.0450, 18.7118,

18.3775

■ 3.7620, 14.4143,
-3.2993

■ 0.6840, 2.6208,
-0.5999

■ 176.4020, 30.8608,
41.7434

■ 176.4020, 30.8608,
41.7434

■ 161.1180, 38.3958,
51.6395

■ 191.6860, 23.3258,
31.8474

■ 146.1330, 45.7834,
62.1504

■ 206.6710, 15.9382,
21.3365

■ 130.8490, 53.3184,
72.0464

■ 221.9550, 8.4032,
11.4405

■ 115.8640, 60.7060,
82.5573

■ 236.9400, 1.0156,
0.9296

■ 100.5800, 68.2411,
92.4533

■ 249.2890, -5.0725,
-6.3925

■ 87.9430, 74.4711,
100.9050

■ 250.4850, -5.6621,
-3.9333

■ 251.3820, -6.1043,
-2.0890

■ 252.5780, -6.6940,
0.3701

■ 253.1760, -6.9888,
1.5996

Harmonies

Analogous

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



169.0030, 42.3965, -18.4196



176.4020, 30.8608, 41.7434



170.4650, 8.6448, 74.1372

Triad

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



176.4020, 30.8608, 41.7434



165.8660, -53.6709, 41.3365



140.2800, 34.8650, -123.0256

Complementary

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



176.4020, 30.8608, 41.7434



202.5980, -30.8608, -41.7434

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.



133.1950, 10.2569, -116.8120



176.4020, 30.8608, 41.7434



161.2800, -48.4520, 0.6314

Square

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



176.4020, 30.8608, 41.7434



168.5060, -40.6755, 73.2242



152.3240, -25.3027, -51.1501



142.3610, 55.5310, -124.8506

Rectangle

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



176.4020, 30.8608, 41.7434



165.0730, -6.9380, 78.8660



152.3240, -25.3027, -51.1501



138.1140, 26.5658, -121.1260

Sweetspot

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



176.4020, 30.8608, 41.7434



235.3080, 9.7082, 12.8849



161.2650, 38.3234, -18.6494



116.5370, 5.6513, 7.4221



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.



176.4020, 30.8608, 41.7434



174.7700, 39.5534, 53.6987



177.1250, 14.2354, 54.2644



112.3580, 3.7675, 4.9480



67.6200, 57.3753, 77.5093



20.7360, 17.3852, 23.9105

Inverse Universe

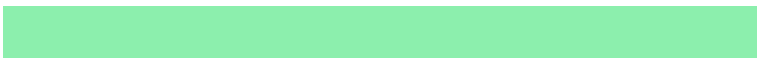
The Inverse Universe completely reimagines the original color for something new.



171.3110, -8.0413, 59.3633



168.1390, -10.4215, 76.1771



201.8750, -14.2354, -54.2644



111.8160, -0.8953, 7.1774



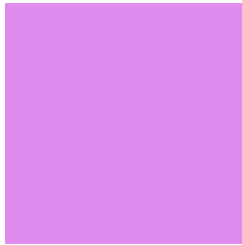
58.2080, -14.8925, 110.3196



17.6560, -4.7604, 33.6277

Previews

White Background



This preview shows how the YUV color 176.4020, 30.8608, 41.7434 looks on a white background.

Color Contrast Check

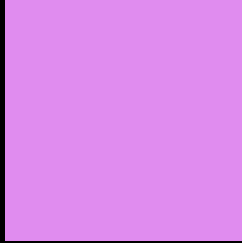
Large Text (above 18pt) WCAG AA × Fail

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 176.4020, 30.8608, 41.7434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

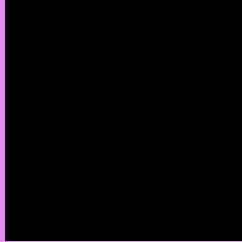
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.4020, 30.8608, 41.7434

Background



This preview shows how black text looks on a background with the YUV color 176.4020, 30.8608, 41.7434.



This preview shows how white text looks on a background with the YUV color 176.4020, 30.8608,

41.7434.

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

176.4020, 30.8608, 41.7434

Protanopia

170.7310, 41.5446, -25.1971

Deuteranopia

171.5120, 30.3136, -16.2350



Tritanopia

174.7100, -3.3080, 34.4573

Trichromacy



Original Color

176.4020, 30.8608, 41.7434

Protanomaly

172.5600, 37.6849, -0.4911

Deuteranomaly

173.0570, 30.5379, 5.2120

Tritanomaly

175.3480, 9.1954, 37.4058

Monochromacy



Original Color

176.4020, 30.8608, 41.7434

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.0740, 11.3025, 14.8441

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.4020, 30.8608, 41.7434 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(224, 140, 239)` looks like.

```
.text, #text, p{  
    color:rgb(224, 140, 239)  
}
```

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(224, 140, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 140, 239) }
```

Border

The CSS property to change the border of an element to YUV 176.4020, 30.8608, 41.7434 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(224, 140, 239) }
```


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

```
.border{ border-color:rgb(224, 140, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 140, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 140, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 140, 239);  
box-shadow:4px 4px 4px 4px rgb(224, 140,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 176.4020, 30.8608, 41.7434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 140, 239) }
```

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

```
.background{ background-color: rgb(224,  
140, 239) }
```

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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