

Converting Colors

YUV(177.4570, 14.0717,
60.1122)

Have a look what the booklet for
YUV(177.4570, 14.0717, 60.1122)
contains.

YUV(177.4570, 14.0717, 60.1122)	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(177.4570, 14.0717,
60.1122)**

Conversions

Conversions Part 1

Format	Color
Hex	F689CE
RGB	246, 137, 206
RGB Percent	96%, 54%, 81%
CMY	0.0353, 0.4627, 0.1922
CMYK	0.00, 0.44, 0.16, 0.04
HSL	322°, 86%, 75%
HSV	322°, 44%, 96%
XYZ	58.0923, 41.9404, 63.4260
YIQ	177.4570, 42.8150, 44.5670

Conversions

Conversions Part 2

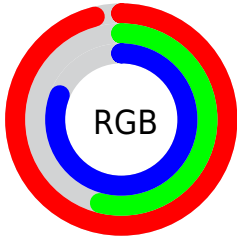
Format	Color
R _Y B	246, 137, 206
Decimal	16157134
CIE Lab	70.83, 50.06, -17.33
CIE LCh	71, 52.970, 340.909
Yxy	41.9404, 0.3554, 0.2566
Android (android.graphics.Color)	4294347214 (0xFFFF689CE)
YUV	177.4570, 14.0717, 60.1122
Hunter-Lab	64.7614, 46.7857, -12.7345

Details

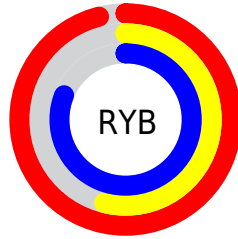
The YUV color **177.4570, 14.0717, 60.1122** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **205.5430, -14.0717, -60.1122**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6060, 17.9422, 31.9175**, and **122.2610, 14.6613, 57.6531** is the 20% darker color. If you saturate the color by 10%, you get **161.7560, 17.3753, 73.8820**, and if you desaturate by 10%, it is **193.1580, 10.7681, 46.3424**.

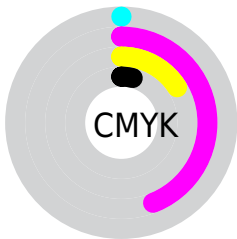
Distribution



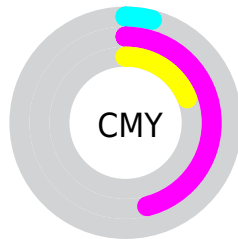
- Red (96%)
- Green (54%)
- Blue (81%)



- Red (96%)
- Yellow (54%)
- Blue (81%)



- Cyan (0%)
- Magenta (44%)
- Yellow (16%)
- Black (4%)




- Cyan (4%)
- Magenta (46%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 177.4570, 14.0717, 60.1122 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 177.4570, 14.0717, 60.1122 by changing the saturation by 10% instead.


 177.4570, 14.0717,
60.1122

 177.4570, 14.0717,
60.1122

255.0000, 0.0000,
0.0000


 149.7450, 13.9297,
58.9826


 218.6060, 17.9422,
31.9175


 122.2610, 14.6613,
57.6531


 235.0420, 9.8393,
17.5032

 94.7770, 15.3929,
56.3236

 252.6520, 1.1576,
2.0592

 66.5320, 16.9927,
56.5384

 39.8740, 18.3031,
56.2385

 29.4780, 12.0893,
42.5538

 19.9080, 6.4544,

29.8987

■ 7.0340, -1.4958,
13.1252

■ 0.0000, 0.0000,
0.0000

■ 177.4570, 14.0717,
60.1122

■ 177.4570, 14.0717,
60.1122

■ 161.7560, 17.3753,
73.8820

■ 193.1580, 10.7681,
46.3424

■ 146.6420, 20.3895,
87.1370

■ 208.2720, 7.7539,
33.0875

■ 130.9410, 23.6931,
100.9067

■ 223.9730, 4.4503,
19.3177

■ 115.8270, 26.7073,
114.1617

■ 239.0870, 1.4361,
6.0627

■ 100.1260, 30.0109,
127.9315

■ 251.8530, -0.4205,
-5.1331

■ 91.3380, 31.8784,
135.6386

■ 252.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



178.3560, 33.8415, 18.9818



177.4570, 14.0717, 60.1122



171.6270, -7.2111, 73.1181

Triad

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



177.4570, 14.0717, 60.1122



167.0630, -45.8801, 15.7307



141.2550, 46.2163, -123.8806

Complementary

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



177.4570, 14.0717, 60.1122



205.5430, -14.0717, -60.1122

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.



137.8860, 25.6922, -120.9260



177.4570, 14.0717, 60.1122



160.8820, -31.4938, -25.3295

Square

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



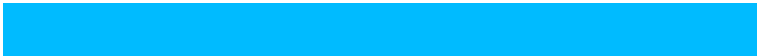
177.4570, 14.0717, 60.1122



171.0270, -44.3833, 49.0883



146.8700, -3.3869, -80.5700



138.8390, 57.2674, -121.7618

Rectangle

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



177.4570, 14.0717, 60.1122



171.6150, -22.4882, 73.1286



146.8700, -3.3869, -80.5700



140.8330, 39.5223, -123.5105

Sweetspot

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



177.4570, 14.0717, 60.1122



234.2610, 4.3083, 18.1881



161.3860, 41.7147, 13.6935



114.7610, 2.5828, 11.6106



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.



177.4570, 14.0717, 60.1122



170.0550, 17.2279, 74.4968



171.3010, -9.5154, 65.5110



114.5000, 1.7255, 6.5775



69.0660, 24.1245, 102.5511



21.8590, 7.4645, 32.5727

Inverse Universe

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



177.4570, 14.0717, 60.1122



170.0550, 17.2279, 74.4968



211.6990, 9.5154, -65.5110



114.5000, 1.7255, 6.5775



69.0660, 24.1245, 102.5511



21.8590, 7.4645, 32.5727

Previews

White Background



This preview shows how the YUV color 177.4570, 14.0717, 60.1122 looks on a white background.

Color Contrast Check

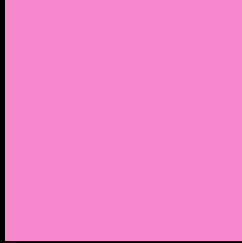
Large Text (above 18pt) WCAG AA × Fail

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 177.4570, 14.0717, 60.1122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

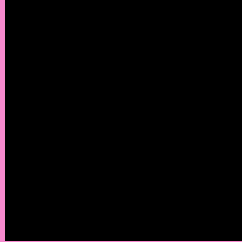
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.4570, 14.0717, 60.1122

Background



This preview shows how black text looks on a background with the YUV color 177.4570, 14.0717, 60.1122.



This preview shows how white text looks on a background with the YUV color 177.4570, 14.0717,

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

177.4570, 14.0717, 60.1122

Protanopia

174.4260, 27.3980, -14.4056

Deuteranopia

175.2250, 12.2141, 2.4337



Tritanopia

176.3600, -9.0515, 56.6893

Trichromacy



Original Color

177.4570, 14.0717, 60.1122



Protanomaly

175.3370, 22.5119, 12.8595



Deuteranomaly

175.8840, 12.8752, 23.7807



Tritanomaly

176.5480, -0.7632, 58.2784

Monochromacy



Original Color

177.4570, 14.0717, 60.1122



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.9240, 5.4605, 21.9917

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.4570, 14.0717, 60.1122 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(246, 137, 206)` looks like.

```
.text, #text, p{  
    color:rgb(246, 137, 206)  
}
```

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(246, 137, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 137, 206) }
```

Border

The CSS property to change the border of an element to YUV 177.4570, 14.0717, 60.1122 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(246, 137, 206) }
```


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

```
.border{ border-color:rgb(246, 137, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 137, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 137, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 137, 206);  
box-shadow:4px 4px 4px 4px rgb(246, 137,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 177.4570, 14.0717, 60.1122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 137, 206) }
```

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

```
.background{ background-color: rgb(246,  
137, 206) }
```

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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