

Converting Colors

YUV(174.2010, 15.6769,
58.5827)

Have a look what the booklet for
YUV(174.2010, 15.6769, 58.5827)
contains.

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Color

**YUV(174.2010, 15.6769,
58.5827)**

Conversions

Conversions Part 1

Format	Color
Hex	F186CE
RGB	241, 134, 206
RGB Percent	95%, 53%, 81%
CMY	0.0549, 0.4745, 0.1922
CMYK	0.00, 0.44, 0.15, 0.05
HSL	320°, 79%, 74%
HSV	320°, 44%, 95%
XYZ	55.9413, 40.2072, 63.2049
YIQ	174.2010, 40.6600, 45.0760

Conversions

Conversions Part 2

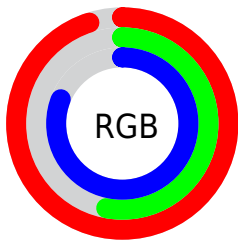
Format	Color
R _Y B	241, 134, 206
Decimal	15828686
CIE Lab	69.62, 49.98, -19.22
CIE LCh	70, 53.551, 338.964
Yxy	40.2072, 0.3511, 0.2523
Android (android.graphics.Color)	4294018766 (0xFFFF186CE)
YUV	174.2010, 15.6769, 58.5827
Hunter-Lab	63.4091, 46.5116, -14.7126

Details

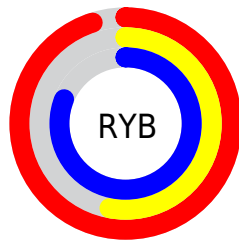
The YUV color **174.2010, 15.6769, 58.5827** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **200.7990, -15.6769, -58.5827**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.2580, 19.0998, 33.9767**, and **119.0050, 16.2665, 56.1236** is the 20% darker color. If you saturate the color by 10%, you get **159.2010, 19.1279, 71.7377**, and if you desaturate by 10%, it is **189.2010, 12.2259, 45.4277**.

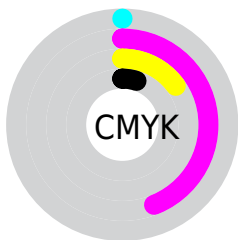
Distribution



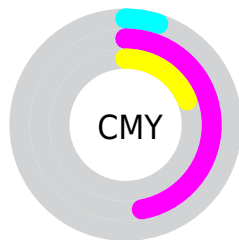
- Red (95%)
- Green (53%)
- Blue (81%)



- Red (95%)
- Yellow (53%)
- Blue (81%)



- Cyan (0%)
- Magenta (44%)
- Yellow (15%)
- Black (5%)




- Cyan (5%)
- Magenta (47%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 174.2010, 15.6769, 58.5827 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 174.2010, 15.6769, 58.5827 by changing the saturation by 10% instead.


 174.2010, 15.6769,
58.5827


 174.2010, 15.6769,
58.5827


255.0000, 0.0000,
0.0000

 146.4890, 15.5349,
57.4531


 216.2580, 19.0998,
33.9767


 119.0050, 16.2665,
56.1236


 233.2810, 10.7075,
19.0476

 91.8200, 16.8507,
55.4089

 250.3040, 2.3151,
4.1184

 63.5750, 18.4505,
55.6237

 38.5640, 18.4559,
53.8794

 28.1680, 12.2422,
40.1947

 18.8970, 6.4598,

28.1543

■ 3.9300, -0.4585,
7.0774

■ 0.0000, 0.0000,
0.0000

■ 174.2010, 15.6769,
58.5827

■ 174.2010, 15.6769,
58.5827

■ 159.2010, 19.1279,
71.7377

■ 189.2010, 12.2259,
45.4277

■ 144.2010, 22.5789,
84.8927

■ 204.2010, 8.7749,
32.2727

■ 129.2010, 26.0299,
98.0477

■ 219.2010, 5.3239,
19.1177

■ 114.2010, 29.4809,
111.2027

■ 234.2010, 1.8729,
5.9627

■ 99.3150, 33.3687,
124.2577

■ 249.0870, -2.0149,
-7.0923

■ 90.5270, 35.2362,
131.9648

■ 250.5860, 1.1901,
-8.4069

■ 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



174.3880, 35.3047, 16.3227



174.2010, 15.6769, 58.5827



169.2790, -6.0535, 75.1773

Triad

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



174.2010, 15.6769, 58.5827



163.8460, -46.7591, 17.6751



138.9240, 44.9005, -121.8363

Complementary

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



174.2010, 15.6769, 58.5827



200.7990, -15.6769, -58.5827

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.



135.4410, 23.9396, -118.7818



174.2010, 15.6769, 58.5827



158.4370, -33.2464, -23.1852

Square

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



174.2010, 15.6769, 58.5827



167.4510, -44.0993, 51.3475



144.3110, -5.5763, -78.3257



137.6650, 57.8462, -120.7322

Rectangle

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



174.2010, 15.6769, 58.5827



168.6800, -21.0412, 75.7026



144.3110, -5.5763, -78.3257



138.5020, 38.2065, -121.4663

Sweetspot

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



174.2010, 15.6769, 58.5827



234.3750, 4.7451, 18.0881



156.3640, 41.7255, 10.2048



114.8750, 3.0196, 11.5106



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.



174.2010, 15.6769, 58.5827



170.7390, 19.8487, 73.8969



168.2730, -7.0366, 63.7816



112.5000, 1.7255, 6.5775



69.1520, 27.0401, 100.7217



21.0760, 8.3435, 30.6283

Inverse Universe

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



174.2010, 15.6769, 58.5827



170.7390, 19.8487, 73.8969



206.7270, 7.0366, -63.7816



112.5000, 1.7255, 6.5775



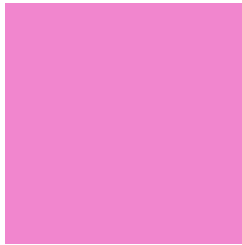
69.1520, 27.0401, 100.7217



21.0760, 8.3435, 30.6283

Previews

White Background



This preview shows how the YUV color 174.2010, 15.6769, 58.5827 looks on a white background.

Color Contrast Check

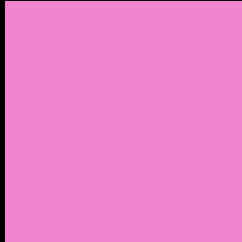
Large Text (above 18pt) WCAG AA × Fail

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 174.2010, 15.6769, 58.5827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

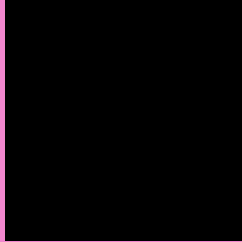
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.2010, 15.6769, 58.5827

Background



This preview shows how black text looks on a background with the YUV color 174.2010, 15.6769, 58.5827.



This preview shows how white text looks on a background with the YUV color 174.2010, 15.6769,

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

174.2010, 15.6769, 58.5827

Protanopia

170.6970, 29.7294, -15.5203

Deuteranopia

171.9690, 13.8193, 0.9042



Tritanopia

172.4630, -8.6093, 54.8449

Trichromacy



Original Color

174.2010, 15.6769, 58.5827



Protanomaly

172.1950, 24.5539, 11.2300



Deuteranomaly

172.6280, 14.4804, 22.2512



Tritanomaly

172.8790, 0.5527, 56.2341

Monochromacy



Original Color

174.2010, 15.6769, 58.5827



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.7390, 6.0447, 21.2769

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.2010, 15.6769, 58.5827 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(241, 134, 206)` looks like.

```
.text, #text, p{  
    color:rgb(241, 134, 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(241, 134, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 134, 206) }
```

Border

The CSS property to change the border of an element to YUV 174.2010, 15.6769, 58.5827 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(241, 134, 206) }
```


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

```
.border{ border-color:rgb(241, 134, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 134, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 134, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 134, 206);  
box-shadow:4px 4px 4px 4px rgb(241, 134,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 174.2010, 15.6769, 58.5827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 134, 206) }
```

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

```
.background{ background-color: rgb(241,  
134, 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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