

Converting Colors

YUV(158.5520, 26.8429,
70.5529)

Have a look what the booklet for
YUV(158.5520, 26.8429, 70.5529)
contains.

YUV(158.5520, 26.8429, 70.5529)	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(158.5520, 26.8429,
70.5529)**

Conversions

Conversions Part 1

Format	Color
Hex	EF6BD5
RGB	239, 107, 213
RGB Percent	94%, 42%, 84%
CMY	0.0627, 0.5804, 0.1647
CMYK	0.00, 0.55, 0.11, 0.06
HSL	312°, 80%, 68%
HSV	312°, 55%, 94%
XYZ	52.8645, 33.6702, 66.6635
YIQ	158.5520, 44.6460, 60.9500

Conversions

Conversions Part 2

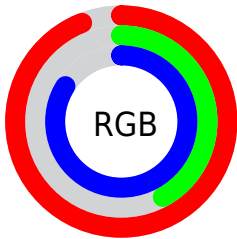
Format	Color
R _Y B	239, 107, 213
Decimal	15690709
CIE _{Lab}	64.70, 63.35, -30.69
CIE _{LCh}	65, 70.390, 334.152
Yxy	33.6702, 0.3451, 0.2198
Android (android.graphics.Color)	4293880789 (0xFFEF6BD5)
YUV	158.5520, 26.8429, 70.5529
Hunter-Lab	58.0260, 61.0766, -27.4974

Details

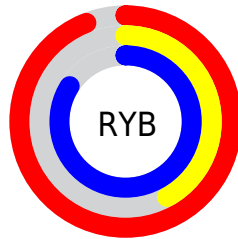
The YUV color **158.5520, 26.8429, 70.5529** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **187.4480, -26.8429, -70.5529**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9960, 26.6240, 47.3615**, and **100.0080, 28.5901, 70.1530** is the 20% darker color. If you saturate the color by 10%, you get **143.8940, 31.6043, 83.4080**, and if you desaturate by 10%, it is **173.2100, 22.0815, 57.6978**.

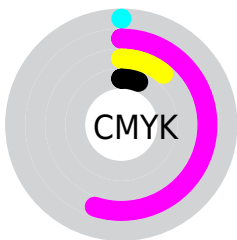
Distribution



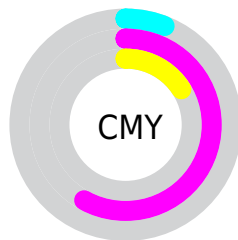
- Red (94%)
- Green (42%)
- Blue (84%)



- Red (94%)
- Yellow (42%)
- Blue (84%)



- Cyan (0%)
- Magenta (55%)
- Yellow (11%)
- Black (6%)





- Cyan (6%)
- Magenta (58%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.5520, 26.8429, 70.5529 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 158.5520, 26.8429, 70.5529 by changing the saturation by 10% instead.


 158.5520, 26.8429,
70.5529


 158.5520, 26.8429,
70.5529

255.0000, 0.0000,
0.0000

 129.9540, 27.1377,
69.3233


 200.9960, 26.6240,
47.3615

 100.0080, 28.5901,
70.1530


 218.0190, 18.2316,
32.4323


 62.2570, 34.3833,
78.7046

 235.0420, 9.8393,
17.5032

 48.8610, 28.1695,
65.0199

 252.6520, 1.1576,
2.0592

 38.0520, 21.6664,
50.8204

 27.2430, 15.1632,
36.6209

 16.9610, 9.3862,

22.8362

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 158.5520, 26.8429,
70.5529

■ 158.5520, 26.8429,
70.5529

■ 143.8940, 31.6043,
83.4080

■ 173.2100, 22.0815,
57.6978

■ 129.3500, 36.8025,
96.1630

■ 187.7540, 16.8833,
44.9427

■ 114.6920, 41.5638,
109.0181

■ 202.4120, 12.1219,
32.0877

■ 100.0340, 46.3252,
121.8732

■ 217.0700, 7.3605,
19.2326

93.3490, 48.6349,
127.7359

231.7280, 2.5991,
6.3775

245.6850, -2.3097,
-5.8627

249.1900, -1.5727,
-8.9366

249.7600, 0.6113,
-9.4365

250.2160, 2.3585,
-9.8364

Harmonies

Analogous

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



159.1340, 47.2619, 7.7755



158.5520, 26.8429, 70.5529



147.4630, 1.7437, 94.3099

Triad

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



158.5520, 26.8429, 70.5529



145.6800, -71.8202, 29.2216



134.3590, 45.1790, -117.8328

Complementary

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



158.5520, 26.8429, 70.5529



187.4480, -26.8429, -70.5529

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.



127.8780, 17.8081, -112.1490



158.5520, 26.8429, 70.5529



140.0830, -49.8339, -22.8748

Square

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



158.5520, 26.8429, 70.5529



150.8310, -57.1047, 69.4312



118.1200, -9.4262, -103.5912



133.5560, 59.8719, -117.1286

Rectangle

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



158.5520, 26.8429, 70.5529



146.7840, -18.6275, 94.9054



118.1200, -9.4262, -103.5912



132.7800, 36.5905, -116.4481

Sweetspot

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



158.5520, 26.8429, 70.5529



228.7330, 8.5126, 23.0362



129.2240, 54.1196, 1.5576



112.0540, 4.9034, 13.9846



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.



158.5520, 26.8429, 70.5529



152.6220, 34.2034, 89.7855



151.2560, -1.1122, 76.9515



112.6140, 2.1623, 6.4775



71.7740, 37.0864, 98.4222



21.8740, 11.4011, 29.9285

Inverse Universe

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



158.5520, 26.8429, 70.5529



152.6220, 34.2034, 89.7855



194.7440, 1.1122, -76.9515



112.6140, 2.1623, 6.4775



71.7740, 37.0864, 98.4222



21.8740, 11.4011, 29.9285

Previews

White Background



This preview shows how the YUV color 158.5520, 26.8429, 70.5529 looks on a white background.

Color Contrast Check

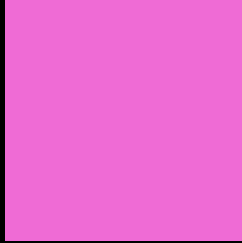
Large Text (above 18pt) WCAG AA × Fail

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 158.5520, 26.8429, 70.5529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

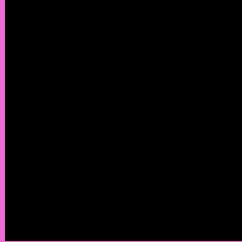
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.5520, 26.8429, 70.5529

Background



This preview shows how black text looks on a background with the YUV color 158.5520, 26.8429, 70.5529.



This preview shows how white text looks on a background with the YUV color 158.5520, 26.8429, 70.5529.

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

158.5520, 26.8429, 70.5529

Protanopia

154.8920, 47.3812, -30.6003

Deuteranopia

158.3080, 23.0192, -9.9171



Tritanopia

158.4210, -11.5466, 63.6518

Trichromacy



Original Color

158.5520, 26.8429, 70.5529



Protanomaly

156.1740, 39.8472, 5.9864



Deuteranomaly

158.5380, 24.3848, 18.8222



Tritanomaly

158.4010, 2.2673, 66.3003

Monochromacy



Original Color

158.5520, 26.8429, 70.5529



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.7980, 9.9596, 25.6102

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5520, 26.8429, 70.5529 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(239, 107, 213)` looks like.

```
.text, #text, p{  
    color:rgb(239, 107, 213)  
}
```

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(239, 107, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 107, 213) }
```

Border

The CSS property to change the border of an element to YUV 158.5520, 26.8429, 70.5529 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(239, 107, 213) }
```


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

```
.border{ border-color:rgb(239, 107, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 107, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 107, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 107, 213);  
box-shadow:4px 4px 4px 4px rgb(239, 107,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 158.5520, 26.8429, 70.5529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 107, 213) }
```

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

```
.background{ background-color: rgb(239,  
107, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor