

Converting Colors

YUV(158.7570, 12.4448,
68.6191)

Have a look what the booklet for
YUV(158.7570, 12.4448, 68.6191)
contains.

YUV(158.7570, 12.4448, 68.6191)	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(158.7570, 12.4448,
68.6191)**

Conversions

Conversions Part 1

Format	Color
Hex	ED72B8
RGB	237, 114, 184
RGB Percent	93%, 45%, 72%
CMY	0.0706, 0.5529, 0.2784
CMYK	0.00, 0.52, 0.22, 0.07
HSL	326°, 77%, 69%
HSV	326°, 52%, 93%
XYZ	49.5941, 33.4998, 49.1996
YIQ	158.7570, 50.8380, 47.8460

Conversions

Conversions Part 2

Format	Color
RYB	237, 114, 184
Decimal	15561400
CIELab	64.56, 55.28, -14.57
CIELCh	65, 57.163, 345.234
Yxy	33.4998, 0.3749, 0.2532
Android (android.graphics.Color)	4293751480 (0xFFED72B8)
YUV	158.7570, 12.4448, 68.6191
Hunter-Lab	57.8790, 51.6607, -9.8837

Details

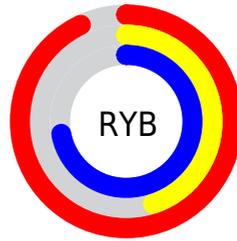
The YUV color **158.7570, 12.4448, 68.6191** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **192.2430, -12.4448, -68.6191**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.3950, 18.0463, 45.2576**, and **102.7890, 13.9080, 65.9600** is the 20% darker color. If you saturate the color by 10%, you get **143.5290, 15.0222, 81.9741**, and if you desaturate by 10%, it is **173.9850, 9.8674, 55.2642**.

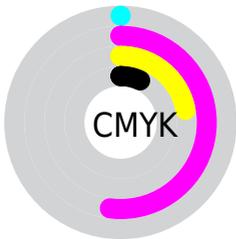
Distribution



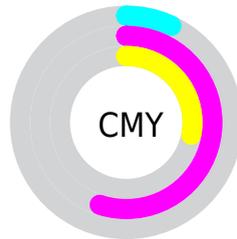
- Red (93%)
- Green (45%)
- Blue (72%)



- Red (93%)
- Yellow (45%)
- Blue (72%)



- Cyan (0%)
- Magenta (52%)
- Yellow (22%)
- Black (7%)



- Cyan (7%)
- Magenta (55%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.7570, 12.4448, 68.6191 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 158.7570, 12.4448, 68.6191 by changing the saturation by 10% instead.

 158.7570, 12.4448,
68.6191

 158.7570, 12.4448,
68.6191

255.0000, 0.0000,
0.0000

 130.8600, 12.8870,
66.7748

 203.3950, 18.0463,
45.2576

 102.7890, 13.9080,
65.9600

 221.5410, 16.4953,
29.3435

 72.7830, 16.3760,
67.7193

 238.5640, 8.1029,
14.4144

 45.7120, 17.3970,
66.9046

 34.7180, 11.4780,
51.9903

 24.5500, 6.1378,
38.1057

 14.1540, -0.0759,

24.4209

■ 0.0000, 0.0000,
0.0000

■ 158.7570, 12.4448,
68.6191

■ 158.7570, 12.4448,
68.6191

■ 143.5290, 15.0222,
81.9741

■ 173.9850, 9.8674,
55.2642

■ 128.8880, 17.3102,
94.8142

■ 188.6260, 7.5794,
42.4240

■ 113.5460, 19.4508,
108.2692

■ 203.9680, 5.4388,
28.9691

■ 98.3180, 22.0282,
121.6241

■ 219.1960, 2.8614,
15.6141

■ 86.2530, 24.0323,
132.2051

■ 234.4240, 0.2840,
2.2592

■ 248.4780, -1.7147,
-10.0662

■ 249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



161.2970, 33.3776, 27.8035



158.7570, 12.4448, 68.6191



155.3680, -11.0274, 83.8693

Triad

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



158.7570, 12.4448, 68.6191



148.3350, -48.4792, 9.3532



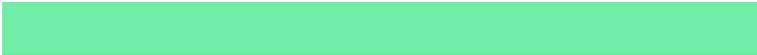
130.4780, 48.0783, -114.4292

Complementary

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



158.7570, 12.4448, 68.6191



192.2430, -12.4448, -68.6191

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.



127.5820, 26.8281, -111.8894



158.7570, 12.4448, 68.6191



141.5710, -29.8615, -35.5808

Square

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



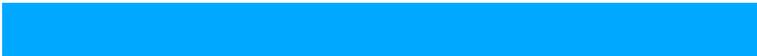
158.7570, 12.4448, 68.6191



152.4520, -49.0298, 46.0846



120.3660, 4.2566, -105.5610



128.2730, 62.4764, -112.4954

Rectangle

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



158.7570, 12.4448, 68.6191



154.5080, -26.8724, 79.3615



120.3660, 4.2566, -105.5610



130.0560, 41.3844, -114.0591

Sweetspot

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



158.7570, 12.4448, 68.6191



228.8810, 4.0027, 22.9064



143.2710, 46.2084, 19.0563



112.0710, 2.4300, 13.9697



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.



158.7570, 12.4448, 68.6191



154.5020, 16.0215, 88.1367



151.9170, -13.7631, 74.6178



109.9730, 0.9993, 6.1627



65.8610, 18.3095, 100.9769



19.5660, 5.1440, 30.1986

Inverse Universe

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



158.7570, 12.4448, 68.6191



154.5020, 16.0215, 88.1367



199.0830, 13.7631, -74.6178



109.9730, 0.9993, 6.1627



65.8610, 18.3095, 100.9769



19.5660, 5.1440, 30.1986

Previews

White Background



This preview shows how the YUV color 158.7570, 12.4448, 68.6191 looks on a white background.

Color Contrast Check

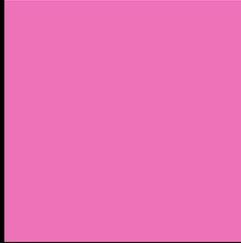
Large Text (above 18pt) WCAG AA × Fail

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 158.7570, 12.4448, 68.6191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

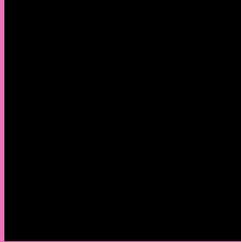
Any Text WCAG AA ✓ Pass

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 158.7570, 12.4448, 68.6191 Background



This preview shows how black text looks on a background with the YUV color 158.7570, 12.4448, 68.6191.



This preview shows how white text looks on a background with the YUV color 158.7570, 12.4448, 68.6191.

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

158.7570, 12.4448, 68.6191

Protanopia

157.1270, 27.5454, -15.0204

Deuteranopia

158.8400, 9.4459, 3.6483



Tritanopia

158.0190, -11.8414, 64.8813

Trichromacy



Original Color

158.7570, 12.4448, 68.6191



Protanomaly

157.5330, 21.9222, 15.3186



Deuteranomaly

158.9230, 10.3910, 27.2545



Tritanomaly

158.3210, -3.1163, 66.3705

Monochromacy



Original Color

158.7570, 12.4448, 68.6191



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.0060, 4.4340, 24.5507

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.7570, 12.4448, 68.6191 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(237, 114, 184)` looks like.

```
.text, #text, p{  
    color:rgb(237, 114, 184)  
}
```

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(237, 114, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 114, 184) }
```

Border

The CSS property to change the border of an element to YUV 158.7570, 12.4448, 68.6191 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(237, 114, 184) }
```

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

```
.border{ border-color:rgb(237, 114, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 114, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 114, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 114, 184);  
box-shadow:4px 4px 4px 4px rgb(237, 114,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 158.7570, 12.4448, 68.6191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 114, 184) }
```

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

```
.background{ background-color: rgb(237,  
114, 184) }
```

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