

Converting Colors

YUV(158.1970, 11.7349,
62.9712)

Have a look what the booklet for
YUV(158.1970, 11.7349, 62.9712)
contains.

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Color

**YUV(158.1970, 11.7349,
62.9712)**

Conversions

Conversions Part 1

Format	Color
Hex	E675B6
RGB	230, 117, 182
RGB Percent	90%, 46%, 71%
CMY	0.0980, 0.5412, 0.2863
CMYK	0.00, 0.49, 0.21, 0.10
HSL	325°, 69%, 68%
HSV	325°, 49%, 90%
XYZ	47.4379, 32.9230, 48.1105
YIQ	158.1970, 46.4830, 44.1710

Conversions

Conversions Part 2

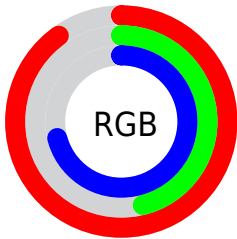
Format	Color
R _Y B	230, 117, 182
Decimal	15103414
CIE Lab	64.10, 51.36, -14.23
CIE LCh	64, 53.295, 344.513
Yxy	32.9230, 0.3692, 0.2563
Android (android.graphics.Color)	4293293494 (0xFFE675B6)
YUV	158.1970, 11.7349, 62.9712
Hunter-Lab	57.3785, 47.1631, -9.5482

Details

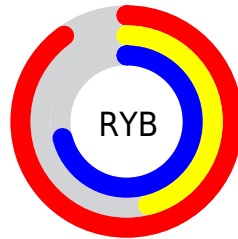
The YUV color **158.1970, 11.7349, 62.9712** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **188.8030, -11.7349, -62.9712**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.3410, 16.5939, 44.4279**, and **103.1150, 12.7613, 60.4121** is the 20% darker color. If you saturate the color by 10%, you get **143.5560, 14.0229, 75.8114**, and if you desaturate by 10%, it is **172.8380, 9.4469, 50.1311**.

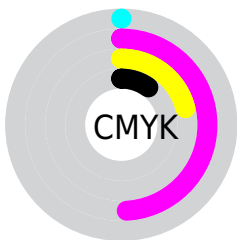
Distribution



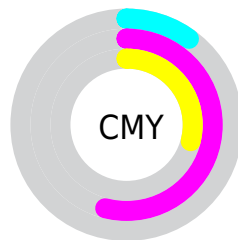
- Red (90%)
- Green (46%)
- Blue (71%)



- Red (90%)
- Yellow (46%)
- Blue (71%)



- Cyan (0%)
- Magenta (49%)
- Yellow (21%)
- Black (10%)



- Cyan (10%)
- Magenta (54%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.1970, 11.7349, 62.9712 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 158.1970, 11.7349, 62.9712 by changing the saturation by 10% instead.

158.1970, 11.7349,
62.9712

158.1970, 11.7349,
62.9712

255.0000, 0.0000,
0.0000

130.5990, 12.0297,
61.7417

204.3410, 16.5939,
44.4279

103.1150, 12.7613,
60.4121

222.7150, 15.9165,
28.3139

74.8700, 14.3611,
60.6270

239.7380, 7.5242,
13.3848

43.8040, 17.8446,
63.3159

33.1090, 11.7783,
49.0164

22.8270, 6.0013,
35.2317

12.6160, -0.7967,

22.2618

■ 0.0000, 0.0000,
0.0000

■ 158.1970, 11.7349,
62.9712

■ 158.1970, 11.7349,
62.9712

■ 143.5560, 14.0229,
75.8114

■ 172.8380, 9.4469,
50.1311

■ 128.9150, 16.3109,
88.6515

■ 187.4790, 7.1589,
37.2909

■ 114.3880, 19.0357,
101.3917

■ 202.0060, 4.4340,
24.5507

■ 99.7470, 21.3237,
114.2319

■ 216.6470, 2.1460,
11.7106

■ 85.1060, 23.6117,
127.0720

■ 231.2880, -0.1420,
-1.1296

■ 83.8180, 23.7537,
128.2016

■ 245.9290, -2.4300,
-13.9697

■ 246.9550, 1.5012,
-14.8695

■ 247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



159.8190, 31.6412, 24.7147



158.1970, 11.7349, 62.9712



155.1500, -10.4270, 77.9214

Triad

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



158.1970, 11.7349, 62.9712



148.2580, -44.9902, 10.2977



128.5060, 45.5995, -112.6998

Complementary

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



158.1970, 11.7349, 62.9712



188.8030, -11.7349, -62.9712

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.



125.3650, 25.9491, -109.9451



158.1970, 11.7349, 62.9712



141.6470, -28.4200, -31.2624

Square

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



158.1970, 11.7349, 62.9712



152.1790, -44.9512, 44.5700



118.4910, 4.6879, -103.9166



126.1870, 59.5608, -110.6660

Rectangle

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



158.1970, 11.7349, 62.9712



154.3440, -24.8196, 74.2433



118.4910, 4.6879, -103.9166



128.1980, 39.3424, -112.4296

Sweetspot

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



158.1970, 11.7349, 62.9712



230.8700, 4.0081, 21.1620



143.9350, 42.4300, 17.5970



113.3590, 2.2880, 12.8402



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.



158.1970, 11.7349, 62.9712



159.6540, 15.4536, 83.6184



151.8130, -12.7258, 68.5700



107.3860, 1.2887, 6.6775



65.2630, 18.6043, 99.7473



18.5550, 5.1494, 28.4543

Inverse Universe

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



158.1970, 11.7349, 62.9712



159.6540, 15.4536, 83.6184



195.1870, 12.7258, -68.5700



107.3860, 1.2887, 6.6775



65.2630, 18.6043, 99.7473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 158.1970, 11.7349, 62.9712 looks on a white background.

Color Contrast Check

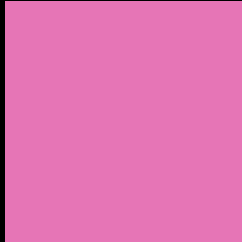
Large Text (above 18pt) WCAG AA × Fail

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 158.1970, 11.7349, 62.9712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

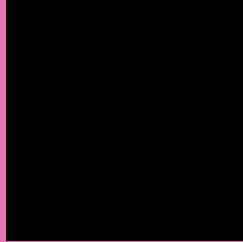
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.1970, 11.7349, 62.9712

Background



This preview shows how black text looks on a background with the YUV color 158.1970, 11.7349, 62.9712.



This preview shows how white text looks on a background with the YUV color 158.1970, 11.7349, 62.9712.

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

158.1970, 11.7349, 62.9712

Protanopia

156.2690, 25.5034, -13.3909

Deuteranopia

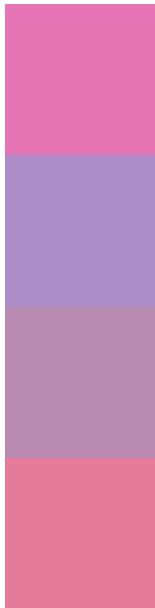
157.4270, 9.1565, 3.1335



Tritanopia

157.3280, -10.5147, 59.3483

Trichromacy



Original Color

158.1970, 11.7349, 62.9712

Protanomaly

157.1800, 20.6173, 13.8741

Deuteranomaly

157.4990, 10.1070, 24.9954

Tritanomaly

157.5160, -2.2264, 60.9375

Monochromacy



Original Color

158.1970, 11.7349, 62.9712

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.9950, 4.4395, 22.8064

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.1970, 11.7349, 62.9712 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(230, 117, 182)` looks like.

```
.text, #text, p{  
    color:rgb(230, 117, 182)  
}
```

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(230, 117, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 117, 182) }
```

Border

The CSS property to change the border of an element to YUV 158.1970, 11.7349, 62.9712 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(230, 117, 182) }
```


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

```
.border{ border-color:rgb(230, 117, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 117, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 117, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 117, 182);  
box-shadow:4px 4px 4px 4px rgb(230, 117,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 158.1970, 11.7349, 62.9712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 117, 182) }
```

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

```
.background{ background-color: rgb(230,  
117, 182) }
```

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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