

Converting Colors

YUV(157.8570, 4.0145, 65.9004)

Have a look what the booklet for
YUV(157.8570, 4.0145, 65.9004)
contains.

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Color

**YUV(157.8570, 4.0145,
65.9004)**

Conversions

Conversions Part 1

Format	Color
Hex	E976A6
RGB	233, 118, 166
RGB Percent	91%, 46%, 65%
CMY	0.0863, 0.5373, 0.3490
CMYK	0.00, 0.49, 0.29, 0.09
HSL	335°, 72%, 69%
HSV	335°, 49%, 91%
XYZ	46.9656, 33.0337, 39.9772
YIQ	157.8570, 53.1320, 39.3080

Conversions

Conversions Part 2

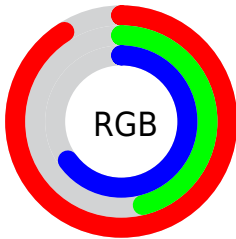
Format	Color
R_{YB}	233, 118, 166
Decimal	15300262
CIE _{Lab}	64.19, 49.65, -4.96
CIE _{LCh}	64, 49.899, 354.299
Yxy	33.0337, 0.3915, 0.2753
Android (android.graphics.Color)	4293490342 (0xFFE976A6)
YUV	157.8570, 4.0145, 65.9004
Hunter-Lab	57.4749, 45.2801, -1.0072

Details

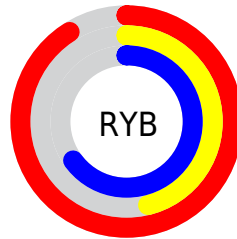
The YUV color **157.8570, 4.0145, 65.9004** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **193.1430, -4.0145, -65.9004**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.9900, 8.8789, 45.6128**, and **102.5900, 5.6251, 62.6266** is the 20% darker color. If you saturate the color by 10%, you get **142.7600, 4.5553, 79.1405**, and if you desaturate by 10%, it is **172.9540, 3.4737, 52.6603**.

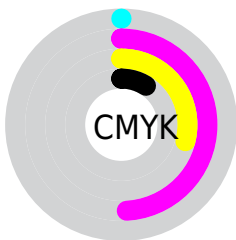
Distribution



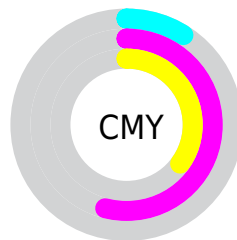
- Red (91%)
- Green (46%)
- Blue (65%)



- Red (91%)
- Yellow (46%)
- Blue (65%)



- Cyan (0%)
- Magenta (49%)
- Yellow (29%)
- Black (9%)



- Cyan (9%)
- Magenta (54%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.8570, 4.0145, 65.9004 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 157.8570, 4.0145, 65.9004 by changing the saturation by 10% instead.

 157.8570, 4.0145,
65.9004


 157.8570, 4.0145,
65.9004

255.0000, 0.0000,
0.0000

 130.0740, 4.8935,
63.9561


 202.9900, 8.8789,
45.6128

 102.5900, 5.6251,
62.6266

 222.7320, 13.4431,
28.2990

 75.0460, 7.3723,
62.2267

 240.3250, 7.2348,
12.8700

 42.8060, 11.4346,
65.9451

 32.2250, 5.8051,
51.5457

 21.8720, 1.0491,
36.9463

 11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,
0.0000

■ 157.8570, 4.0145,
65.9004

■ 157.8570, 4.0145,
65.9004

■ 142.7600, 4.5553,
79.1405

■ 172.9540, 3.4737,
52.6603

■ 127.1900, 5.8223,
92.7954

■ 188.5240, 2.2067,
39.0055

■ 112.0930, 6.3632,
106.0354

■ 203.6210, 1.6658,
25.7654

■ 97.1100, 7.3408,
119.1755

■ 218.6040, 0.6882,
12.6253

■ 82.0130, 7.8816,
132.4156

■ 234.2880, -0.1420,
-1.1296

■ 80.7250, 8.0236,
133.5452

■ 247.5100, -0.2514,
-12.7253

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



160.4200, 23.4569, 36.4657



157.8570, 4.0145, 65.9004



155.3960, -16.9572, 72.4437

Triad

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



157.8570, 4.0145, 65.9004



147.6030, -38.2583, -2.2828



127.4290, 49.0885, -111.7552

Complementary

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



157.8570, 4.0145, 65.9004



193.1430, -4.0145, -65.9004

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.



126.2600, 31.9168, -110.7300



157.8570, 4.0145, 65.9004



140.3880, -18.9253, -43.3133

Square

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



157.8570, 4.0145, 65.9004



151.8570, -43.3135, 32.5744



120.4290, 12.1135, -105.6162



133.6630, 54.3961, -87.4045

Rectangle

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



157.8570, 4.0145, 65.9004



154.4370, -29.3024, 65.3918



120.4290, 12.1135, -105.6162



127.4630, 44.1417, -111.7851

Sweetspot

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



157.8570, 4.0145, 65.9004



230.1860, 1.3873, 21.7619



150.5450, 40.6503, 28.4630



112.9030, 0.5408, 13.2401



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.



157.8570, 4.0145, 65.9004



156.9180, 4.9704, 86.0179



157.0810, -19.2669, 66.5810



109.7450, 0.1257, 6.3626



62.7830, 6.5160, 103.6763



18.6540, 1.6496, 30.9984

Inverse Universe

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



157.8570, 4.0145, 65.9004



156.9180, 4.9704, 86.0179



193.9190, 19.2669, -66.5810



109.7450, 0.1257, 6.3626



62.7830, 6.5160, 103.6763



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 157.8570, 4.0145, 65.9004 looks on a white background.

Color Contrast Check

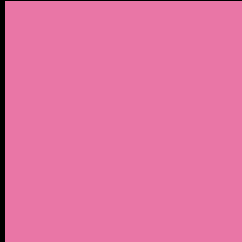
Large Text (above 18pt) WCAG AA × Fail

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 157.8570, 4.0145, 65.9004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

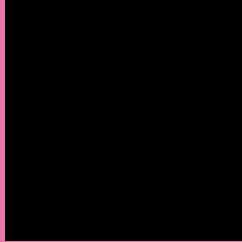
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.8570, 4.0145, 65.9004

Background



This preview shows how black text looks on a background with the YUV color 157.8570, 4.0145, 65.9004.



This preview shows how white text looks on a background with the YUV color 157.8570, 4.0145,

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

157.8570, 4.0145, 65.9004

Protanopia

156.7830, 15.8830, -7.7027

Deuteranopia

157.4080, 1.2779, 10.1662



Tritanopia

156.7200, -11.6940, 64.2666

Trichromacy



Original Color

157.8570, 4.0145, 65.9004



Protanomaly

157.5090, 11.5811, 18.8476



Deuteranomaly

157.4690, 2.2338, 30.2837



Tritanomaly

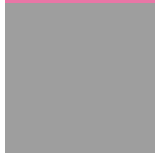
157.2130, -6.0210, 64.7112

Monochromacy



Original Color

157.8570, 4.0145, 65.9004



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

157.6100, 1.6713, 24.0210

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8570, 4.0145, 65.9004 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(233, 118, 166)` looks like.

```
.text, #text, p{  
    color:rgb(233, 118, 166)  
}
```

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(233, 118, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 118, 166) }
```

Border

The CSS property to change the border of an element to YUV 157.8570, 4.0145, 65.9004 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(233, 118, 166) }
```


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

```
.border{ border-color:rgb(233, 118, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 118, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 118, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 118, 166);  
box-shadow:4px 4px 4px 4px rgb(233, 118,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 157.8570, 4.0145, 65.9004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 118, 166) }
```

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

```
.background{ background-color: rgb(233,  
118, 166) }
```

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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