

Converting Colors

YUV(165.0970, -0.0478,
62.1819)

Have a look what the booklet for
YUV(165.0970, -0.0478, 62.1819)
contains.

YUV(165.0970, -0.0478, 62.1819)	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(165.0970, -0.0478,
62.1819)**

Conversions

Conversions Part 1

Format	Color
Hex	EC81A5
RGB	236, 129, 165
RGB Percent	93%, 51%, 65%
CMY	0.0745, 0.4941, 0.3529
CMYK	0.00, 0.45, 0.30, 0.07
HSL	340°, 74%, 72%
HSV	340°, 45%, 93%
XYZ	49.2339, 36.2500, 39.9993
YIQ	165.0970, 52.2160, 33.8800

Conversions

Conversions Part 2

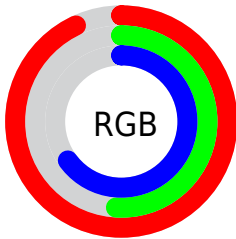
Format	Color
R _Y B	236, 129, 165
Decimal	15499685
CIE Lab	66.71, 45.04, -0.63
CIE LCh	67, 45.049, 359.193
Yxy	36.2500, 0.3924, 0.2889
Android (android.graphics.Color)	4293689765 (0xFFEC81A5)
YUV	165.0970, -0.0478, 62.1819
Hunter-Lab	60.2080, 40.6009, 2.7561

Details

The YUV color **165.0970, -0.0478, 62.1819** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **199.9030, 0.0478, -62.1819**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3330, 5.2588, 40.0500**, and **110.7160, 1.1260, 59.0081** is the 20% darker color. If you saturate the color by 10%, you get **149.1850, -0.0912, 76.1368**, and if you desaturate by 10%, it is **181.0090, -0.0044, 48.2271**.

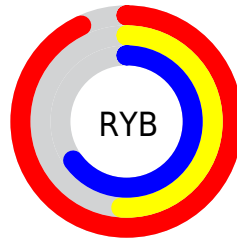
Distribution



Red (93%)

Green (51%)

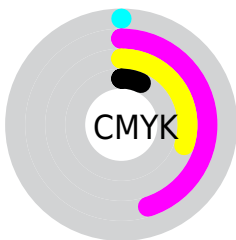
Blue (65%)



Red (93%)

Yellow (51%)

Blue (65%)

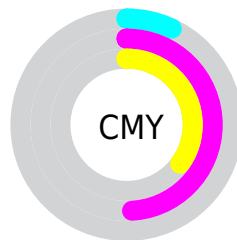


Cyan (0%)

Magenta (45%)

Yellow (30%)

Black (7%)



Cyan (7%)

Magenta (49%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.0970, -0.0478, 62.1819 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 165.0970, -0.0478, 62.1819 by changing the saturation by 10% instead.


 165.0970, -0.0478,
62.1819


 165.0970, -0.0478,
62.1819

255.0000, 0.0000,
0.0000


 137.3140, 0.8312,
60.2376

 209.3330, 5.2588,
40.0500


 110.7160, 1.1260,
59.0081


 228.9610, 9.3862,
22.8362

 84.0470, 2.4418,
56.9638

 246.7820, 4.0515,
7.2072

 56.0300, 4.9152,
56.9787

 33.1220, 5.3629,
53.3900

 22.6550, 0.1701,
38.8906

 12.9710, -5.9017,

26.3354

0.0000, 0.0000,
0.0000

165.0970, -0.0478,
62.1819

165.0970, -0.0478,
62.1819

149.1850, -0.0912,
76.1368

181.0090, -0.0044,
48.2271

133.9740, 0.0128,
89.4768

196.2200, -0.1085,
34.8871

118.0620, -0.0306,
103.4316

212.1320, -0.0651,
20.9322

102.7370, -0.3633,
116.8717

227.4570, 0.2677,
7.4922

86.9390, 0.0301,
130.7265

243.2550, -0.1257,
-6.3626

■ 79.5700, -0.2810,
137.1891

■ 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



167.0630, 18.2099, 39.4097



165.0970, -0.0478, 62.1819



163.4830, -18.9721, 65.3514

Triad

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



165.0970, -0.0478, 62.1819



155.0630, -32.5691, -7.0713



130.2330, 49.6781, -114.2143

Complementary

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



165.0970, -0.0478, 62.1819



199.9030, 0.0478, -62.1819

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.



129.7480, 35.1272, -113.7890



165.0970, -0.0478, 62.1819



147.3430, -13.9731, -45.0278

Square

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



165.0970, -0.0478, 62.1819



159.1380, -39.5080, 25.3120



125.6610, 16.9291, -110.2047



152.9400, 44.3996, -54.3214

Rectangle

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



165.0970, -0.0478, 62.1819



161.9800, -29.5701, 57.8995



125.6610, 16.9291, -110.2047



130.4950, 45.6050, -114.4441

Sweetspot

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



165.0970, -0.0478, 62.1819



231.1320, -0.0651, 20.9322



162.1280, 36.4189, 32.3367



113.3760, -0.1854, 12.8252



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.



165.0970, -0.0478, 62.1819



163.6200, 0.1873, 80.1403



170.3850, -20.4028, 57.5444



109.7450, 0.1257, 6.3626



61.0730, -0.0360, 105.1760



18.1980, -0.0976, 31.3984

Inverse Universe

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



165.0970, -0.0478, 62.1819



163.6200, 0.1873, 80.1403



194.6150, 20.4028, -57.5444



109.7450, 0.1257, 6.3626



61.0730, -0.0360, 105.1760



18.1980, -0.0976, 31.3984

Previews

White Background



This preview shows how the YUV color 165.0970, -0.0478, 62.1819 looks on a white background.

Color Contrast Check

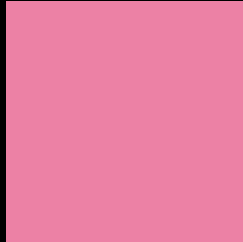
Large Text (above 18pt) WCAG AA × Fail

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 165.0970, -0.0478, 62.1819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

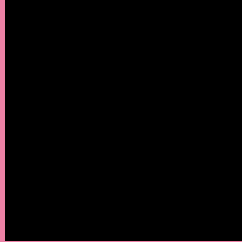
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.0970, -0.0478, 62.1819

Background



This preview shows how black text looks on a background with the YUV color 165.0970, -0.0478, 62.1819.



This preview shows how white text looks on a background with the YUV color 165.0970, -0.0478,

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

165.0970, -0.0478, 62.1819

Protanopia

163.7250, 10.4886, -4.1438

Deuteranopia

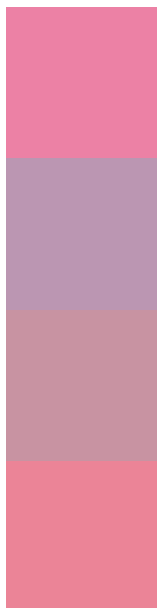
163.9200, -1.9326, 13.2252



Tritanopia

164.3390, -10.5201, 61.0927

Trichromacy



Original Color

165.0970, -0.0478, 62.1819

Protanomaly

164.2550, 6.7763, 19.9474

Deuteranomaly

164.5570, -1.2606, 31.0835

Tritanomaly

164.9630, -6.8838, 61.4224

Monochromacy



Original Color

165.0970, -0.0478, 62.1819

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.1430, -0.0705, 22.6766

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.0970, -0.0478, 62.1819 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(236, 129, 165)` looks like.

```
.text, #text, p{  
    color:rgb(236, 129, 165)  
}
```

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(236, 129, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 129, 165) }
```

Border

The CSS property to change the border of an element to YUV 165.0970, -0.0478, 62.1819 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(236, 129, 165) }
```


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

```
.border{ border-color:rgb(236, 129, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 129, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 129, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 129, 165);  
box-shadow:4px 4px 4px 4px rgb(236, 129,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 165.0970, -0.0478, 62.1819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 129, 165) }
```

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

```
.background{ background-color: rgb(236,  
129, 165) }
```

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