

Converting Colors

YUV(166.5080, -13.5614,
56.5595)

Have a look what the booklet for
YUV(166.5080, -13.5614, 56.5595)
contains.

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Color

**YUV(166.5080, -13.5614,
56.5595)**

Conversions

Conversions Part 1

Format	Color
Hex	E78B8B
RGB	231, 139, 139
RGB Percent	91%, 55%, 55%
CMY	0.0941, 0.4549, 0.4549
CMYK	0.00, 0.40, 0.40, 0.09
HSL	0°, 66%, 73%
HSV	0°, 40%, 91%
XYZ	46.8478, 37.3182, 29.1601
YIQ	166.5080, 54.8320, 19.5040

Conversions

Conversions Part 2

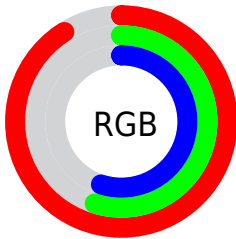
Format	Color
R _Y B	231, 139, 139
Decimal	15174539
CIE Lab	67.52, 34.98, 15.08
CIE LCh	68, 38.092, 23.314
Yxy	37.3182, 0.4134, 0.3293
Android (android.graphics.Color)	4293364619 (0xFFE78B8B)
YUV	166.5080, -13.5614, 56.5595
Hunter-Lab	61.0887, 29.9834, 14.4605

Details

The YUV color **166.5080, -13.5614, 56.5595** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **203.4920, 13.5614, -56.5595**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.0110, -9.8654, 37.7014**, and **112.9420, -11.8034, 52.6709** is the 20% darker color. If you saturate the color by 10%, you get **150.3850, -16.9518, 70.6994**, and if you desaturate by 10%, it is **182.6310, -10.1711, 42.4196**.

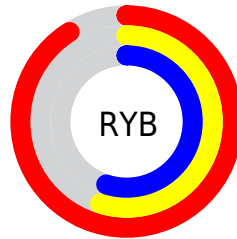
Distribution



Red (91%)

Green (55%)

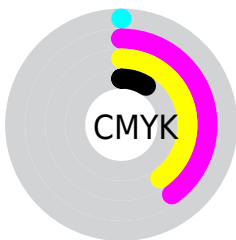
Blue (55%)



Red (91%)

Yellow (55%)

Blue (55%)

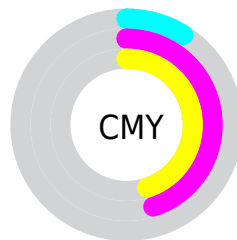


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (9%)



Cyan (9%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.5080, -13.5614, 56.5595 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 166.5080, -13.5614, 56.5595 by changing the saturation by 10% instead.

166.5080,
-13.5614, 56.5595

166.5080,
-13.5614, 56.5595

255.0000, 0.0000,
0.0000

139.7250,
-12.6824, 54.6152

212.0110, -9.8654,
37.7014

112.9420,
-11.8034, 52.6709

231.6390, -5.7380,
20.4876

86.9740, -10.3402,
50.0118

251.9680, -1.4632,
2.6591

62.0060, -8.8770,
47.3527

35.1030, -5.9668,
47.2677

18.8370, -9.2866,
38.7310

11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,
0.0000

■ 166.5080,
-13.5614, 56.5595

■ 166.5080,
-13.5614, 56.5595

■ 150.3850,
-16.9518, 70.6994

■ 182.6310,
-10.1711, 42.4196

■ 134.2620,
-20.3422, 84.8392

■ 198.7540, -6.7807,
28.2797

■ 118.1390,
-23.7325, 98.9791

■ 214.8770, -3.3904,
14.1399

■ 102.0160,
-27.1229, 113.1190

■ 231.0000, 0.0000,
0.0000

■ 85.1920, -30.6607,
127.8736

■ 247.1230, 3.3904,
-14.1399

■ 69.0690, -34.0510,
142.0135

■ 247.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



168.1170, 2.9003, 49.8864



166.5080, -13.5614, 56.5595



165.0110, -26.6274, 47.3484

Triad

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



166.5080, -13.5614, 56.5595



154.2740, -15.9111, -30.0583



155.8390, 37.5474, -49.8478

Complementary

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



166.5080, -13.5614, 56.5595



203.4920, 13.5614, -56.5595

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.



137.2260, 40.3146, -97.5452



166.5080, -13.5614, 56.5595



146.0320, 4.4212, -64.9261

Square

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



166.5080, -13.5614, 56.5595



159.6170, -29.3912, 0.3359



128.4940, 30.3225, -112.6892



165.5670, 30.2865, -7.5133

Rectangle

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



166.5080, -13.5614, 56.5595



163.5550, -31.8256, 34.5933



128.4940, 30.3225, -112.6892



151.0930, 38.9012, -64.1026

Sweetspot

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



166.5080, -13.5614, 56.5595



233.2690, -4.5696, 19.0581



176.9960, 26.6240, 47.3615



115.3820, -2.6533, 11.0660



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.



166.5080, -13.5614, 56.5595



169.4780, -17.9837, 75.0028



193.5100, -26.8734, 32.8787



106.5880, -1.7689, 7.3773



53.5210, -26.3859, 110.0451



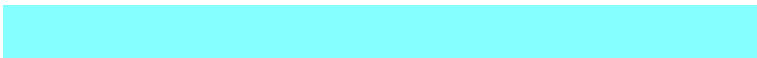
15.2490, -7.5178, 31.3536

Inverse Universe

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



203.4920, 13.5614, -56.5595



218.5220, 17.9837, -75.0028



176.4900, 26.8734, -32.8787



111.4120, 1.7689, -7.3773



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536

Previews

White Background



This preview shows how the YUV color 166.5080, -13.5614, 56.5595 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 166.5080, -13.5614, 56.5595 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 166.5080, -13.5614, 56.5595

Background



This preview shows how black text looks on a background with the YUV color 166.5080, -13.5614, 56.5595.



This preview shows how white text looks on a background with the YUV color 166.5080, -13.5614,

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

166.5080, -13.5614, 56.5595

Protanopia

164.7250, -6.2734, 5.5032

Deuteranopia

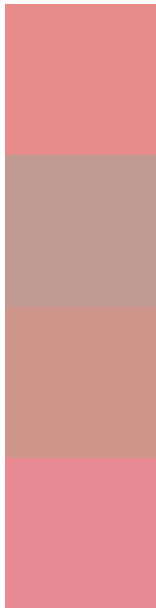
165.3590, -14.4740, 22.4872



Tritanopia

167.2460, -9.4883, 56.7893

Trichromacy



Original Color

166.5080, -13.5614, 56.5595

Protanomaly

165.4500, -9.0959, 24.1613

Deuteranomaly

165.8490, -14.2226, 35.2124

Tritanomaly

166.9040, -10.7987, 57.0892

Monochromacy



Original Color

166.5080, -13.5614, 56.5595

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.8670, -4.8644, 20.2876

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.5080, -13.5614, 56.5595 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(231, 139, 139)` looks like.

```
.text, #text, p{  
    color:rgb(231, 139, 139)  
}
```

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(231, 139, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 139, 139) }
```

Border

The CSS property to change the border of an element to YUV 166.5080, -13.5614, 56.5595 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(231, 139, 139) }
```


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

```
.border{ border-color:rgb(231, 139, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 139, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 139, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 139, 139); box-shadow:4px 4px 4px 4px rgb(231, 139, 139) }
```

Background

The CSS property to change the background color of an element to YUV 166.5080, -13.5614, 56.5595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 139, 139) }
```

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

```
.background{ background-color: rgb(231,  
139, 139) }
```

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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