

Converting Colors

YUV(167.6580, -7.7194,
49.4119)

Have a look what the booklet for
YUV(167.6580, -7.7194, 49.4119)
contains.

YUV(167.6580, -7.7194, 49.4119)	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(167.6580, -7.7194,
49.4119)**

Conversions

Conversions Part 1

Format	Color
Hex	E08E98
RGB	224, 142, 152
RGB Percent	88%, 56%, 60%
CMY	0.1216, 0.4431, 0.4039
CMYK	0.00, 0.37, 0.32, 0.12
HSL	353°, 57%, 72%
HSV	353°, 37%, 88%
XYZ	46.0810, 37.4603, 34.5076
YIQ	167.6580, 45.6620, 20.4940

Conversions

Conversions Part 2

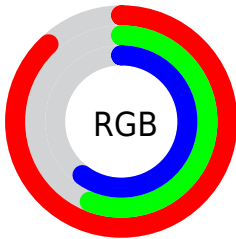
Format	Color
R _Y B	224, 142, 152
Decimal	14716568
CIE Lab	67.62, 32.36, 7.82
CIE LCh	68, 33.289, 13.579
Yxy	37.4603, 0.3904, 0.3173
Android (android.graphics.Color)	4292906648 (0xFFE08E98)
YUV	167.6580, -7.7194, 49.4119
Hunter-Lab	61.2048, 27.2838, 9.4154

Details

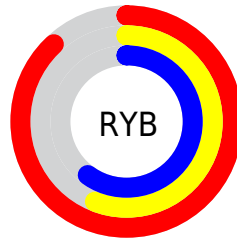
The YUV color $167.6580, -7.7194, 49.4119$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $198.3420, 7.7194, -49.4119$, and the grayscale version is $168.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $215.3680, -4.6184, 34.7573$, and $114.2770, -6.5456, 46.2381$ is the 20% darker color. If you saturate the color by 10%, you get $152.4640, -10.0888, 62.7371$, and if you desaturate by 10%, it is $182.8520, -5.3500, 36.0868$.

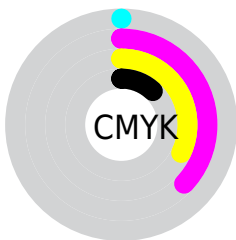
Distribution



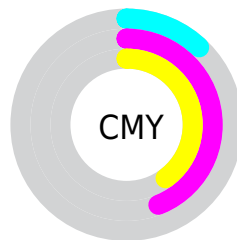
- Red (88%)
- Green (56%)
- Blue (60%)



- Red (88%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (37%)
- Yellow (32%)
- Black (12%)




- Cyan (12%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.6580, -7.7194, 49.4119 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 167.6580, -7.7194, 49.4119 by changing the saturation by 10% instead.

 167.6580, -7.7194,
49.4119

 167.6580, -7.7194,
49.4119


255.0000, 0.0000,
0.0000

 140.7610, -7.2772,
47.5676

 215.3680, -4.6184,
34.7573


 114.2770, -6.5456,
46.2381


 234.9960, -0.4910,
17.5435


 89.0810, -5.9559,
43.7790

254.4130, 0.2894,
0.5148

 63.8250, -4.3507,
42.2495

 38.5690, -2.7455,
40.7200

 19.1940, -4.0396,
35.7869

 10.8780, -4.8699,

22.0320

0.0000, 0.0000,
0.0000

167.6580, -7.7194,
49.4119

167.6580, -7.7194,
49.4119

152.4640,
-10.0888, 62.7371

182.8520, -5.3500,
36.0868

136.7970,
-11.7319, 76.4770

198.5190, -3.7069,
22.3468

121.6030,
-14.1013, 89.8022

213.7130, -1.3375,
9.0217

105.8220,
-16.1812, 103.6421

229.4940, 0.7425,
-4.8182

90.7420, -18.1138,
116.8673

244.5740, 2.6750,
-18.0434

■ 75.5480, -20.4832,
130.1924

■ 245.7310, 4.5696,
-19.0581

■ 70.0540, -21.2256,
135.0106

Harmonies

Analogous

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



168.9630, 6.4272, 38.6204



167.6580, -7.7194, 49.4119



165.7210, -20.0755, 45.8487

Triad

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



167.6580, -7.7194, 49.4119



157.6670, -18.5698, -17.2480



155.2750, 32.8954, -51.1072

Complementary

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



167.6580, -7.7194, 49.4119



198.3420, 7.7194, -49.4119

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.



146.3830, 28.8982, -75.7579



167.6580, -7.7194, 49.4119



152.9160, -2.9166, -44.6533

Square

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



167.6580, -7.7194, 49.4119



161.2420, -27.2343, 8.5578



146.5720, 15.4940, -69.7846



164.4580, 28.8612, -17.0647

Rectangle

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



167.6580, -7.7194, 49.4119



165.0590, -26.1581, 36.7823



146.5720, 15.4940, -69.7846



152.0950, 32.4912, -61.4733

Sweetspot

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



167.6580, -7.7194, 49.4119



235.7140, -2.8170, 16.9138



172.5770, 25.3515, 35.4510



116.3110, -1.6323, 10.2513



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.



167.6580, -7.7194, 49.4119



177.9700, -10.8312, 67.5553



184.1280, -20.7691, 34.9677



104.4030, -1.1847, 6.6626



55.0180, -16.7709, 106.1012



15.0360, -4.4547, 28.9094

Inverse Universe

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



167.6580, -7.7194, 49.4119



177.9700, -10.8312, 67.5553



181.8720, 20.7691, -34.9677



104.4030, -1.1847, 6.6626



55.0180, -16.7709, 106.1012



15.0360, -4.4547, 28.9094

Previews

White Background



This preview shows how the YUV color 167.6580, -7.7194, 49.4119 looks on a white background.

Color Contrast Check

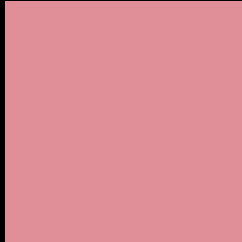
Large Text (above 18pt) WCAG AA × Fail

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 167.6580, -7.7194, 49.4119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

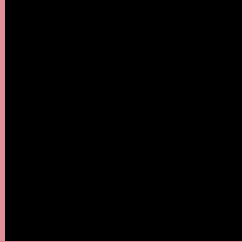
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.6580, -7.7194, 49.4119

Background



This preview shows how black text looks on a background with the YUV color 167.6580, -7.7194, 49.4119.



This preview shows how white text looks on a background with the YUV color 167.6580, -7.7194,

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

167.6580, -7.7194, 49.4119

Protanopia

165.1960, -0.5896, 2.4591

Deuteranopia

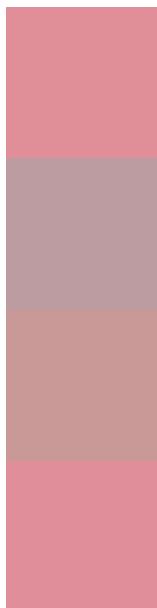
166.2320, -8.4954, 18.2135



Tritanopia

167.7720, -7.2826, 49.3120

Trichromacy



Original Color

167.6580, -7.7194, 49.4119

Protanomaly

166.0240, -2.9698, 19.2730

Deuteranomaly

166.7110, -8.2385, 29.1945

Tritanomaly

167.7720, -7.2826, 49.3120

Monochromacy



Original Color

167.6580, -7.7194, 49.4119

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.0130, -2.9644, 17.5286

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.6580, -7.7194, 49.4119 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(224, 142, 152)` looks like.

```
.text, #text, p{  
    color:rgb(224, 142, 152)  
}
```

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(224, 142, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 142, 152) }
```

Border

The CSS property to change the border of an element to YUV 167.6580, -7.7194, 49.4119 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(224, 142, 152) }
```


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

```
.border{ border-color:rgb(224, 142, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 142, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 142, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 142, 152); box-shadow:4px 4px 4px 4px rgb(224, 142, 152) }
```

Background

The CSS property to change the background color of an element to YUV 167.6580, -7.7194, 49.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 142, 152) }
```

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

```
.background{ background-color: rgb(224,  
142, 152) }
```

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