

Converting Colors

YUV(166.9790, -7.8776,
53.5154)

Have a look what the booklet for
YUV(166.9790, -7.8776, 53.5154)
contains.

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Color

**YUV(166.9790, -7.8776,
53.5154)**

Conversions

Conversions Part 1

Format	Color
Hex	E48B97
RGB	228, 139, 151
RGB Percent	89%, 55%, 59%
CMY	0.1059, 0.4549, 0.4078
CMYK	0.00, 0.39, 0.34, 0.11
HSL	352°, 62%, 72%
HSV	352°, 39%, 89%
XYZ	46.8134, 37.1936, 33.9899
YIQ	166.9790, 49.1920, 22.6000

Conversions

Conversions Part 2

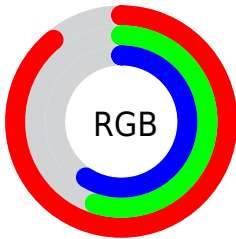
Format	Color
R _Y B	228, 139, 151
Decimal	14977943
CIE _{Lab}	67.42, 35.29, 8.16
CIE _{LCh}	67, 36.217, 13.018
Yxy	37.1936, 0.3967, 0.3152
Android (android.graphics.Color)	4293168023 (0xFFE48B97)
YUV	166.9790, -7.8776, 53.5154
Hunter-Lab	60.9865, 30.2907, 9.6462

Details

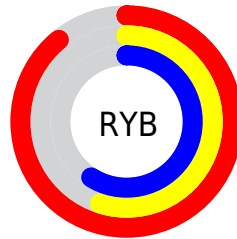
The YUV color **166.9790, -7.8776, 53.5154** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **200.0210, 7.8776, -53.5154**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4930, -4.1870, 36.4016**, and **113.2990, -6.5564, 49.7268** is the 20% darker color. If you saturate the color by 10%, you get **151.1980, -9.9576, 67.3554**, and if you desaturate by 10%, it is **182.7600, -5.7977, 39.6755**.

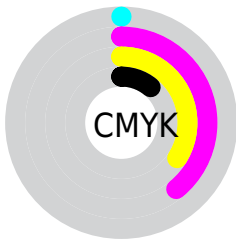
Distribution



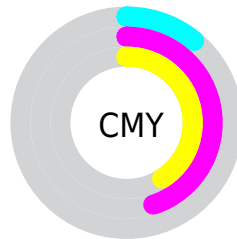
- Red (89%)
- Green (55%)
- Blue (59%)



- Red (89%)
- Yellow (55%)
- Blue (59%)



- Cyan (0%)
- Magenta (39%)
- Yellow (34%)
- Black (11%)



- Cyan (11%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.9790, -7.8776, 53.5154 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 166.9790, -7.8776, 53.5154 by changing the saturation by 10% instead.

■ 166.9790, -7.8776,
53.5154

■ 166.9790, -7.8776,
53.5154

255.0000, 0.0000,
0.0000

■ 140.0820, -7.4354,
51.6711

■ 213.4930, -4.1870,
36.4016

■ 113.2990, -6.5564,
49.7268

■ 233.1210, -0.0597,
19.1879

■ 87.5160, -5.6774,
47.7825

■ 252.6520, 1.1576,
2.0592

■ 62.8470, -4.3616,
45.7382

■ 35.9440, -1.4514,
45.6531

■ 19.5640, -5.2081,
37.2164

■ 11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,
0.0000

■ 166.9790, -7.8776,
53.5154

■ 166.9790, -7.8776,
53.5154

■ 151.1980, -9.9576,
67.3554

■ 182.7600, -5.7977,
39.6755

■ 135.5310,
-11.6008, 81.0953

■ 198.4270, -4.1545,
25.9355

■ 120.3370,
-13.9701, 94.4205

■ 213.6210, -1.7852,
12.6104

■ 104.5560,
-16.0501, 108.2604

■ 229.4020, 0.2948,
-1.2296

■ 88.7750, -18.1301,
122.1003

■ 245.1830, 2.3748,
-15.0695

■ 73.1080, -19.7732,
135.8403

■ 246.9270, 3.9800,
-16.5990

■ 71.7060, -20.0681,
137.0698

Harmonies

Analogous

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



168.3270, 7.7268, 41.8092



166.9790, -7.8776, 53.5154



165.2870, -21.8335, 49.7373

Triad

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



166.9790, -7.8776, 53.5154



156.2000, -20.3116, -18.5924



152.7300, 36.1221, -59.3992

Complementary

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



166.9790, -7.8776, 53.5154



200.0210, 7.8776, -53.5154

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.



138.0540, 34.4834, -93.8864



166.9790, -7.8776, 53.5154



150.1820, -3.0477, -49.2716

Square

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



166.9790, -7.8776, 53.5154



160.8570, -30.0025, 9.7724



141.7770, 17.8579, -81.3654



162.8320, 31.6348, -20.0237

Rectangle

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



166.9790, -7.8776, 53.5154



164.2120, -28.2055, 40.1561



141.7770, 17.8579, -81.3654



147.4680, 36.7443, -72.3244

Sweetspot

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



166.9790, -7.8776, 53.5154



233.8390, -2.3856, 18.5582



171.8700, 27.6721, 37.8250



115.6100, -1.7797, 10.8660



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.



166.9790, -7.8776, 53.5154



172.7040, -10.7001, 72.1736



183.8080, -22.0903, 38.7564



106.8160, -0.8953, 7.1774



56.2570, -15.9027, 107.6456



16.0470, -4.4602, 30.6538

Inverse Universe

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



166.9790, -7.8776, 53.5154



172.7040, -10.7001, 72.1736



183.1920, 22.0903, -38.7564



106.8160, -0.8953, 7.1774



56.2570, -15.9027, 107.6456



16.0470, -4.4602, 30.6538

Previews

White Background



This preview shows how the YUV color 166.9790, -7.8776, 53.5154 looks on a white background.

Color Contrast Check

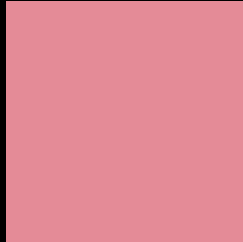
Large Text (above 18pt) WCAG AA × Fail

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 166.9790, -7.8776, 53.5154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

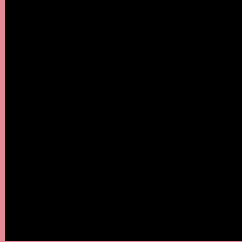
Any Text WCAG AA ✓ Pass

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 166.9790, -7.8776, 53.5154 Background



This preview shows how black text looks on a background with the YUV color 166.9790, -7.8776, 53.5154.



This preview shows how white text looks on a background with the YUV color 166.9790, -7.8776,

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

166.9790, -7.8776, 53.5154

Protanopia

165.0110, -0.0054, 1.7444

Deuteranopia

166.1180, -8.9322, 18.3135



Tritanopia

166.8650, -8.3144, 53.6154

Trichromacy



Original Color

166.9790, -7.8776, 53.5154

Protanomaly

165.7360, -2.8278, 20.4025

Deuteranomaly

166.6080, -8.6807, 31.0388

Tritanomaly

166.8650, -8.3144, 53.6154

Monochromacy



Original Color

166.9790, -7.8776, 53.5154

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.0240, -2.9698, 19.2730

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.9790, -7.8776, 53.5154 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(228, 139, 151)` looks like.

```
.text, #text, p{  
    color:rgb(228, 139, 151)  
}
```

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(228, 139, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 139, 151) }
```

Border

The CSS property to change the border of an element to YUV 166.9790, -7.8776, 53.5154 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(228, 139, 151) }
```


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

```
.border{ border-color:rgb(228, 139, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 139, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 139, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 139, 151);  
box-shadow:4px 4px 4px 4px rgb(228, 139,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 166.9790, -7.8776, 53.5154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 139, 151) }
```

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

```
.background{ background-color: rgb(228,  
139, 151) }
```

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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