

Converting Colors

YUV(174.8970, -6.8512,
50.9563)

Have a look what the booklet for
YUV(174.8970, -6.8512, 50.9563)
contains.

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Color

**YUV(174.8970, -6.8512,
50.9563)**

Conversions

Conversions Part 1

Format	Color
Hex	E994A1
RGB	233, 148, 161
RGB Percent	91%, 58%, 63%
CMY	0.0863, 0.4196, 0.3686
CMYK	0.00, 0.36, 0.31, 0.09
HSL	351°, 66%, 75%
HSV	351°, 36%, 91%
XYZ	50.6272, 41.0767, 38.9785
YIQ	174.8970, 46.4870, 22.0630

Conversions

Conversions Part 2

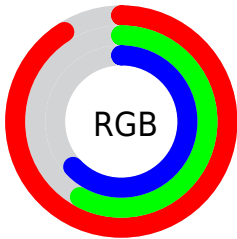
Format	Color
R_{YB}	233, 148, 161
Decimal	15307937
CIE _{Lab}	70.23, 33.63, 6.66
CIE _{LCh}	70, 34.282, 11.205
Yxy	41.0767, 0.3874, 0.3143
Android (android.graphics.Color)	4293498017 (0xFFE994A1)
YUV	174.8970, -6.8512, 50.9563
Hunter-Lab	64.0911, 28.8424, 8.8052

Details

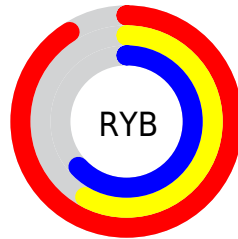
The YUV color $174.8970, -6.8512, 50.9563$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $206.1030, 6.8512, -50.9563$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $220.0300, -1.9868, 30.6687$, and $121.2170, -5.5300, 47.1677$ is the 20% darker color. If you saturate the color by 10%, you get $159.1160, -8.9312, 64.7963$, and if you desaturate by 10%, it is $190.6780, -4.7713, 37.1164$.

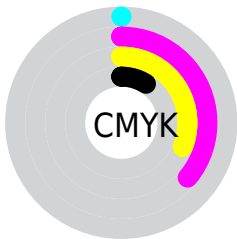
Distribution



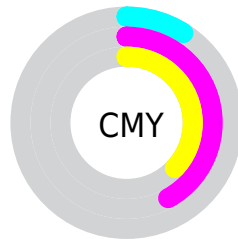
- Red (91%)
- Green (58%)
- Blue (63%)



- Red (91%)
- Yellow (58%)
- Blue (63%)



- Cyan (0%)
- Magenta (36%)
- Yellow (31%)
- Black (9%)



- Cyan (9%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.8970, -6.8512, 50.9563 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 174.8970, -6.8512, 50.9563 by changing the saturation by 10% instead.

■ 174.8970, -6.8512,
50.9563

■ 174.8970, -6.8512,
50.9563

255.0000, 0.0000,
0.0000

■ 148.0000, -6.4090,
49.1120

■ 220.0300, -1.9868,
30.6687

■ 121.2170, -5.5300,
47.1677

■ 239.6580, 2.1406,
13.4549

■ 95.3200, -5.0878,
45.3234

■ 70.5370, -4.2087,
43.3791

■ 45.2810, -2.6035,
41.8496

■ 22.3130, -1.1403,
39.1905

■ 13.8680, -6.3439,

28.1798

■ 0.0000, 0.0000,
0.0000

■ 174.8970, -6.8512,
50.9563

■ 174.8970, -6.8512,
50.9563

■ 159.1160, -8.9312,
64.7963

■ 190.6780, -4.7713,
37.1164

■ 142.8620,
-10.2850, 79.0510

■ 206.9320, -3.4175,
22.8616

■ 127.0810,
-12.3649, 92.8910

■ 222.7130, -1.3375,
9.0217

■ 111.3000,
-14.4449, 106.7309

■ 238.4940, 0.7425,
-4.8182

■ 95.5190, -16.5249,
120.5708

■ 248.4220, 3.2430,
-13.5251

■ 79.2650, -17.8786,
134.8256

■ 73.7710, -18.6211,
139.6438

Harmonies

Analogous

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



176.4190, 8.1744, 38.2205



174.8970, -6.8512, 50.9563



173.3300, -20.3757, 48.8226

Triad

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



174.8970, -6.8512, 50.9563



164.9230, -20.1750, -15.7185



161.1820, 33.9273, -55.4106

Complementary

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



174.8970, -6.8512, 50.9563



206.1030, 6.8512, -50.9563

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.



152.1760, 29.4932, -79.9614



174.8970, -6.8512, 50.9563



159.5740, -4.2270, -44.3534

Square

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



174.8970, -6.8512, 50.9563



168.7970, -28.9869, 10.7020



153.6320, 14.4784, -70.7143



170.7780, 30.1824, -20.8533

Rectangle

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



174.8970, -6.8512, 50.9563



171.6680, -26.4583, 39.7562



153.6320, 14.4784, -70.7143



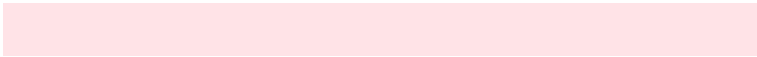
157.5890, 33.2336, -66.2916

Sweetspot

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



174.8970, -6.8512, 50.9563



235.8280, -2.3802, 16.8138



178.9190, 26.6619, 35.1510



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.



174.8970, -6.8512, 50.9563



178.4260, -9.0840, 67.1554



189.8510, -20.6325, 37.8417



109.4030, -1.1847, 6.6626



57.3110, -14.4503, 108.4753



17.0580, -4.4656, 32.3981

Inverse Universe

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



174.8970, -6.8512, 50.9563



178.4260, -9.0840, 67.1554



191.1490, 20.6325, -37.8417



109.4030, -1.1847, 6.6626



57.3110, -14.4503, 108.4753



17.0580, -4.4656, 32.3981

Previews

White Background



This preview shows how the YUV color 174.8970, -6.8512, 50.9563 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 174.8970, -6.8512, 50.9563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

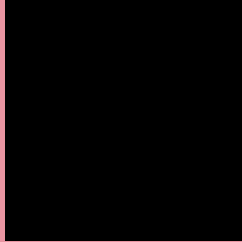
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.8970, -6.8512, 50.9563

Background



This preview shows how black text looks on a background with the YUV color 174.8970, -6.8512, 50.9563.



This preview shows how white text looks on a background with the YUV color 174.8970, -6.8512,

50.9563.

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

174.8970, -6.8512, 50.9563

Protanopia

172.5380, 0.7208, 2.1592

Deuteranopia

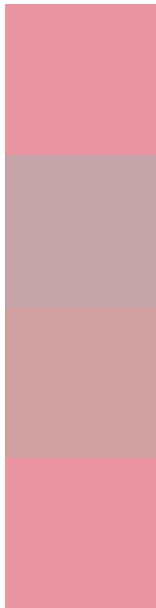
173.4600, -7.6218, 18.0136



Tritanopia

174.6690, -7.7248, 51.1563

Trichromacy



Original Color

174.8970, -6.8512, 50.9563

Protanomaly

173.5510, -2.2436, 19.6878

Deuteranomaly

173.6510, -7.2229, 30.1241

Tritanomaly

174.7830, -7.2880, 51.0563

Monochromacy



Original Color

174.8970, -6.8512, 50.9563

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.8390, -2.3856, 18.5582

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.8970, -6.8512, 50.9563 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, 148, 161)` looks like.

```
.text, #text, p{  
    color:rgb(233, 148, 161)  
}
```

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, 148, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 148, 161) }
```

Border

The CSS property to change the border of an element to YUV 174.8970, -6.8512, 50.9563 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, 148, 161) }
```


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

```
.border{ border-color:rgb(233, 148, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 148, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 148, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 148, 161);  
box-shadow:4px 4px 4px 4px rgb(233, 148,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 174.8970, -6.8512, 50.9563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 148, 161) }
```

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

```
.background{ background-color: rgb(233,  
148, 161) }
```

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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