

Converting Colors

YUV(178.4230, -4.6455,
43.4790)

Have a look what the booklet for
YUV(178.4230, -4.6455, 43.4790)
contains.

YUV(178.4230, -4.6455, 43.4790)	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(178.4230, -4.6455,
43.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	E49BA9
RGB	228, 155, 169
RGB Percent	89%, 61%, 66%
CMY	0.1059, 0.3922, 0.3373
CMYK	0.00, 0.32, 0.26, 0.11
HSL	348°, 57%, 75%
HSV	348°, 32%, 89%
XYZ	50.8777, 42.8012, 43.1160
YIQ	178.4230, 39.0140, 19.8300

Conversions

Conversions Part 2

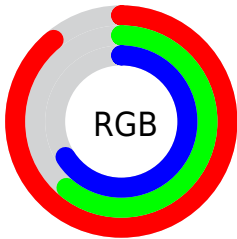
Format	Color
R_{YB}	228, 155, 169
Decimal	14982057
CIE _{Lab}	71.42, 29.17, 3.86
CIE _{LCh}	71, 29.420, 7.534
Yxy	42.8012, 0.3719, 0.3129
Android (android.graphics.Color)	4293172137 (0xFFE49BA9)
YUV	178.4230, -4.6455, 43.4790
Hunter-Lab	65.4227, 24.3257, 6.7215

Details

The YUV color **178.4230, -4.6455, 43.4790** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **204.5770, 4.6455, -43.4790**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.0510, -0.5181, 26.2653**, and **124.9280, -3.9085, 40.4051** is the 20% darker color. If you saturate the color by 10%, you get **162.8700, -5.8519, 57.1190**, and if you desaturate by 10%, it is **193.9760, -3.4392, 29.8390**.

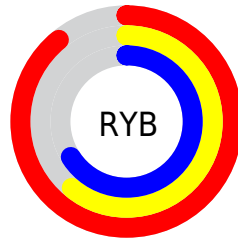
Distribution



Red (89%)

Green (61%)

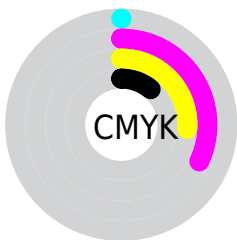
Blue (66%)



Red (89%)

Yellow (61%)

Blue (66%)

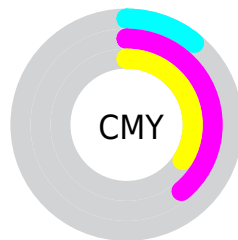


Cyan (0%)

Magenta (32%)

Yellow (26%)

Black (11%)



Cyan (11%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.4230, -4.6455, 43.4790 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 178.4230, -4.6455, 43.4790 by changing the saturation by 10% instead.

 178.4230, -4.6455,
43.4790

 178.4230, -4.6455,
43.4790


255.0000, 0.0000,
0.0000


 151.5260, -4.2033,
41.6347


 225.0510, -0.5181,
26.2653


 124.9280, -3.9085,
40.4051

 245.3800, 3.7567,
8.4367

 99.3300, -3.6137,
39.1756

 74.5470, -2.7347,
37.2313

 50.1770, -1.5663,
35.8018

 25.3340, 0.3283,
34.7871

 13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,
0.0000

■ 178.4230, -4.6455,
43.4790

■ 178.4230, -4.6455,
43.4790

■ 162.8700, -5.8519,
57.1190

■ 193.9760, -3.4392,
29.8390

■ 147.2030, -7.4951,
70.8590

■ 209.6430, -1.7960,
16.0991

■ 132.2370, -8.9908,
83.9842

■ 224.6090, -0.3002,
2.9739

■ 116.5700,
-10.6340, 97.7241

■ 240.2760, 1.3429,
-10.7661

■ 101.0170,
-11.8404, 111.3641

■ 246.9270, 3.9800,
-16.5990

■ 85.3500, -13.4835,
125.1041

■ 73.1880, -14.3897,
135.7701

Harmonies

Analogous

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



179.3750, 8.1961, 31.2431



178.4230, -4.6455, 43.4790



176.6220, -16.5756, 43.3045

Triad

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



178.4230, -4.6455, 43.4790



169.7110, -18.5915, -10.2705



166.7440, 28.2272, -47.1335

Complementary

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



178.4230, -4.6455, 43.4790



204.5770, 4.6455, -43.4790

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.



161.1630, 22.5976, -61.5330



178.4230, -4.6455, 43.4790



165.8850, -5.8593, -34.1021

Square

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



178.4230, -4.6455, 43.4790



172.5460, -24.9192, 12.6762



162.0640, 9.3354, -54.4301



173.5670, 26.8355, -20.6683

Rectangle

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



178.4230, -4.6455, 43.4790



175.7970, -22.0849, 37.0120



162.0640, 9.3354, -54.4301



164.3580, 26.9385, -53.8110

Sweetspot

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



178.4230, -4.6455, 43.4790



237.9310, -1.9380, 14.9695



180.6640, 23.3366, 28.3587



117.1260, -1.0481, 9.5365



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.



178.4230, -4.6455, 43.4790



189.1690, -5.9993, 57.7338



189.7410, -17.1273, 33.5531



106.8160, -0.8953, 7.1774



57.3970, -11.5347, 106.6458



16.3890, -3.1498, 30.3538

Inverse Universe

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



178.4230, -4.6455, 43.4790



189.1690, -5.9993, 57.7338



193.2590, 17.1273, -33.5531



106.8160, -0.8953, 7.1774



57.3970, -11.5347, 106.6458



16.3890, -3.1498, 30.3538

Previews

White Background



This preview shows how the YUV color 178.4230, -4.6455, 43.4790 looks on a white background.

Color Contrast Check

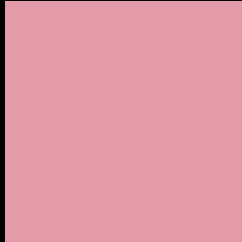
Large Text (above 18pt) WCAG AA × Fail

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 178.4230, -4.6455, 43.4790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

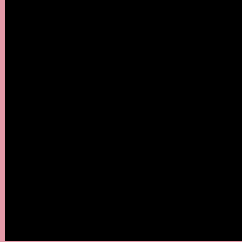
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.4230, -4.6455, 43.4790

Background



This preview shows how black text looks on a background with the YUV color 178.4230, -4.6455, 43.4790.



This preview shows how white text looks on a background with the YUV color 178.4230, -4.6455,

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

178.4230, -4.6455, 43.4790

Protanopia

175.5810, 2.1786, 1.2445

Deuteranopia

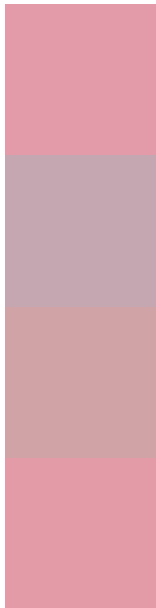
176.7310, -5.2904, 16.8989



Tritanopia

178.1950, -5.5191, 43.6790

Trichromacy



Original Color

178.4230, -4.6455, 43.4790

Protanomaly

176.6970, -0.3436, 16.9287

Deuteranomaly

177.4980, -5.1755, 26.7503

Tritanomaly

178.3090, -5.0823, 43.5790

Monochromacy



Original Color

178.4230, -4.6455, 43.4790

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.3440, -1.6486, 15.4843

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.4230, -4.6455, 43.4790 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, 155, 169)` looks like.

```
.text, #text, p{  
    color:rgb(228, 155, 169)  
}
```

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, 155, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 155, 169) }
```

Border

The CSS property to change the border of an element to YUV 178.4230, -4.6455, 43.4790 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, 155, 169) }
```


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

```
.border{ border-color:rgb(228, 155, 169) }
```

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

Here you see how a box with a 4 pixel rgb(228, 155, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 155, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 155, 169);  
box-shadow:4px 4px 4px 4px rgb(228, 155,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 178.4230, -4.6455, 43.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 155, 169) }
```

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

```
.background{ background-color: rgb(228,  
155, 169) }
```

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