

Converting Colors

YUV(195.2480, -2.5873,
36.6165)

Have a look what the booklet for
YUV(195.2480, -2.5873, 36.6165)
contains.

YUV(195.2480, -2.5873, 36.6165)	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(195.2480, -2.5873,
36.6165)**

Conversions

Conversions Part 1

Format	Color
Hex	EDAFBE
RGB	237, 175, 190
RGB Percent	93%, 69%, 75%
CMY	0.0706, 0.3137, 0.2549
CMYK	0.00, 0.26, 0.20, 0.07
HSL	345°, 63%, 81%
HSV	345°, 26%, 93%
XYZ	59.5493, 52.3822, 55.6874
YIQ	195.2480, 32.1370, 17.8090

Conversions

Conversions Part 2

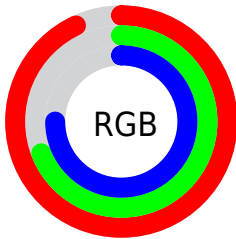
Format	Color
R _Y B	237, 175, 190
Decimal	15577022
CIE Lab	77.51, 24.79, 1.28
CIE LCh	78, 24.819, 2.957
Yxy	52.3822, 0.3553, 0.3125
Android (android.graphics.Color)	4293767102 (0xFFEDAFBE)
YUV	195.2480, -2.5873, 36.6165
Hunter-Lab	72.3755, 20.2094, 5.0438

Details

The YUV color **195.2480, -2.5873, 36.6165** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **216.7520, 2.5873, -36.6165**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.8860, 3.0142, 13.2550**, and **141.0520, -1.9976, 34.1574** is the 20% darker color. If you saturate the color by 10%, you get **179.1080, -3.5042, 50.7713**, and if you desaturate by 10%, it is **211.3880, -1.6703, 22.4617**.

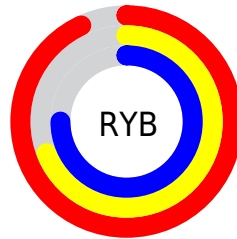
Distribution



Red (93%)

Green (69%)

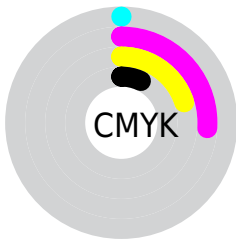
Blue (75%)



Red (93%)

Yellow (69%)

Blue (75%)

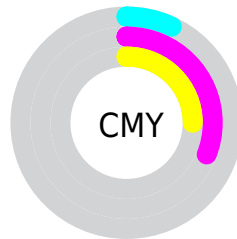


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (7%)



Cyan (7%)


Magenta (31%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.2480, -2.5873, 36.6165 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 195.2480, -2.5873, 36.6165 by changing the saturation by 10% instead.


 195.2480, -2.5873,
36.6165

 195.2480, -2.5873,
36.6165


255.0000, 0.0000,
0.0000


 167.6500, -2.2924,
35.3870


 239.8860, 3.0142,
13.2550

 141.0520, -1.9976,
34.1574

 115.3400, -2.1396,
33.0278

 89.8560, -1.4080,
31.6983

 65.9590, -0.9658,
29.8540

 42.4750, -0.2342,
28.5244

 20.1050, 0.9342,

27.0949

■ 8.1870, -3.5432,
16.4990

■ 0.0000, 0.0000,
0.0000

■ 195.2480, -2.5873,
36.6165

■ 195.2480, -2.5873,
36.6165

■ 179.1080, -3.5042,
50.7713

■ 211.3880, -1.6703,
22.4617

■ 163.5550, -4.7106,
64.4113

■ 226.9410, -0.4639,
8.8217

■ 147.4150, -5.6276,
78.5660

■ 243.0810, 0.4531,
-5.3330

■ 131.2750, -6.5446,
92.7208

■ 249.6180, 2.6533,
-11.0660

■ 115.1350, -7.4616,
106.8756

■ 99.5820, -8.6679,
120.5156

■ 83.4420, -9.5849,
134.6704

■ 77.3610, -10.0380,
140.0034

Harmonies

Analogous

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



195.4450, 8.6546, 24.1657



195.2480, -2.5873, 36.6165



194.2130, -12.9230, 38.4012

Triad

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



195.2480, -2.5873, 36.6165



187.7870, -17.1500, -5.9522



185.4090, 22.9694, -40.7007

Complementary

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



195.2480, -2.5873, 36.6165



216.7520, 2.5873, -36.6165

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.



182.0460, 16.7393, -49.1523



195.2480, -2.5873, 36.6165



184.8860, -7.3388, -26.2100

Square

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



195.2480, -2.5873, 36.6165



190.3550, -21.8670, 13.7207



182.4030, 5.2243, -42.4494



190.2420, 23.0517, -20.3832

Rectangle

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



195.2480, -2.5873, 36.6165



193.1000, -18.2903, 33.2383



182.4030, 5.2243, -42.4494



183.3330, 21.5278, -45.0190

Sweetspot

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



195.2480, -2.5873, 36.6165



241.5500, -0.7642, 11.7956



195.8220, 20.3008, 22.0811



119.2290, -0.6059, 7.6922



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.



195.2480, -2.5873, 36.6165



201.7870, -3.3460, 46.6678



202.3430, -13.4801, 30.3942



109.5170, -0.7479, 6.5626



59.1350, -7.4616, 106.8756



17.6280, -2.2816, 31.8982

Inverse Universe

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



195.2480, -2.5873, 36.6165



201.7870, -3.3460, 46.6678



209.0700, 13.7695, -29.8794



109.5170, -0.7479, 6.5626



59.1350, -7.4616, 106.8756



17.6280, -2.2816, 31.8982

Previews

White Background



This preview shows how the YUV color 195.2480, -2.5873, 36.6165 looks on a white background.

Color Contrast Check

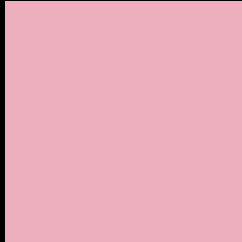
Large Text (above 18pt) WCAG AA × Fail

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 195.2480, -2.5873, 36.6165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

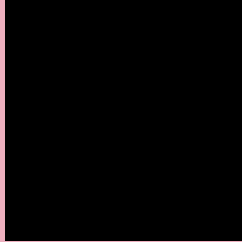
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.2480, -2.5873, 36.6165

Background



This preview shows how black text looks on a background with the YUV color 195.2480, -2.5873, 36.6165.



This preview shows how white text looks on a background with the YUV color 195.2480, -2.5873,

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

195.2480, -2.5873, 36.6165

Protanopia

192.5100, 3.1996, 0.4297

Deuteranopia

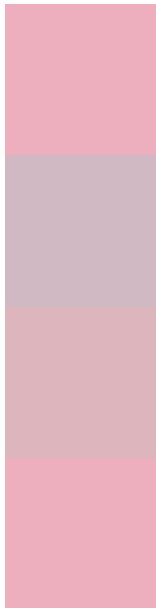
194.0020, -2.9590, 15.7842



Tritanopia

195.1340, -3.0241, 36.7165

Trichromacy



Original Color

195.2480, -2.5873, 36.6165

Protanomaly

193.4300, 1.2670, 13.6549

Deuteranomaly

194.4590, -2.6913, 23.2765

Tritanomaly

195.1340, -3.0241, 36.7165

Monochromacy



Original Color

195.2480, -2.5873, 36.6165

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

195.1480, -1.0590, 13.0252

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.2480, -2.5873, 36.6165 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(237, 175, 190)` looks like.

```
.text, #text, p{  
    color:rgb(237, 175, 190)  
}
```

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(237, 175, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 175, 190) }
```

Border

The CSS property to change the border of an element to YUV 195.2480, -2.5873, 36.6165 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(237, 175, 190) }
```


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

```
.border{ border-color:rgb(237, 175, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 175, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 175, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 175, 190);  
box-shadow:4px 4px 4px 4px rgb(237, 175,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 195.2480, -2.5873, 36.6165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 175, 190) }
```

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

```
.background{ background-color: rgb(237,  
175, 190) }
```

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