

Converting Colors

YUV(193.9010, -6.3602,
33.4128)

Have a look what the booklet for
YUV(193.9010, -6.3602, 33.4128)
contains.

YUV(193.9010, -6.3602, 33.4128)	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(193.9010, -6.3602,
33.4128)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B1B5
RGB	232, 177, 181
RGB Percent	91%, 69%, 71%
CMY	0.0902, 0.3059, 0.2902
CMYK	0.00, 0.24, 0.22, 0.09
HSL	356°, 54%, 80%
HSV	356°, 24%, 91%
XYZ	57.3413, 51.9363, 50.7186
YIQ	193.9010, 31.4960, 12.9040

Conversions

Conversions Part 2

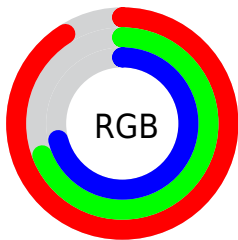
Format	Color
RYB	232, 177, 181
Decimal	15249845
CIELab	77.24, 20.58, 5.73
CIElCh	77, 21.361, 15.553
Yxy	51.9363, 0.3584, 0.3246
Android (android.graphics.Color)	4293439925 (0xFFE8B1B5)
YUV	193.9010, -6.3602, 33.4128
Hunter-Lab	72.0668, 15.9100, 8.7202

Details

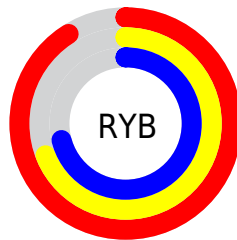
The YUV color **193.9010, -6.3602, 33.4128** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **215.0990, 6.3602, -33.4128**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0340, -1.4958, 13.1252**, and **139.7050, -5.7706, 30.9537** is the 20% darker color. If you saturate the color by 10%, you get **177.8920, -9.3138, 47.4527**, and if you desaturate by 10%, it is **209.9100, -3.4066, 19.3729**.

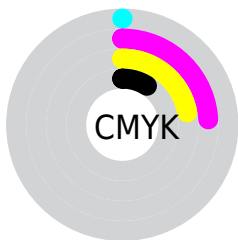
Distribution



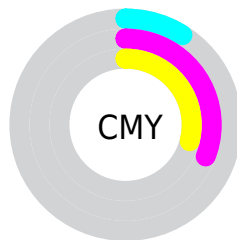
- Red (91%)
- Green (69%)
- Blue (71%)



- Red (91%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (9%)





- Cyan (9%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 193.9010, -6.3602, 33.4128 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 193.9010, -6.3602, 33.4128 by changing the saturation by 10% instead.


 193.9010, -6.3602,
33.4128


 193.9010, -6.3602,
33.4128

255.0000, 0.0000,
0.0000


 166.3030, -6.0654,
32.1833


 240.0340, -1.4958,
13.1252

 139.7050, -5.7706,
30.9537

 114.1070, -5.4758,
29.7242

 89.5090, -5.1809,
28.4946

 65.0250, -4.4493,
27.1651

 42.2420, -3.5703,
25.2208

 19.6440, -3.2755,

23.9912

■ 5.9800, -2.9481,
12.2955

■ 0.0000, 0.0000,
0.0000

■ 193.9010, -6.3602,
33.4128

■ 193.9010, -6.3602,
33.4128

■ 177.8920, -9.3138,
47.4527

■ 209.9100, -3.4066,
19.3729

■ 161.9970,
-11.8305, 61.3926

■ 225.8050, -0.8899,
5.4330

■ 145.4010,
-14.4947, 75.9473

■ 242.4010, 1.7743,
-9.1217

■ 129.5060,
-17.0115, 89.8872

■ 248.1230, 3.3904,
-14.1399

■ 113.4970,
-19.9650, 103.9271

■ 97.6020, -22.4818,
117.8670

■ 81.5930, -25.4353,
131.9069

■ 71.3060, -26.7729,
140.9286

Harmonies

Analogous

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



194.6750, 3.1182, 26.5950



193.9010, -6.3602, 33.4128



192.4140, -14.5011, 31.2089

Triad

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



193.9010, -6.3602, 33.4128



186.5350, -11.6028, -11.8702



187.2150, 20.6000, -27.3756

Complementary

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



193.9010, -6.3602, 33.4128



215.0990, 6.3602, -33.4128

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.



183.8130, 16.8542, -39.3010



193.9010, -6.3602, 33.4128



183.9550, -1.9498, -28.0245

Square

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



193.9010, -6.3602, 33.4128



189.0380, -17.7667, 5.2287



182.7500, 8.9972, -39.2458



191.4670, 18.5038, -8.3026

Rectangle

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



193.9010, -6.3602, 33.4128



191.4580, -17.9738, 25.0313



182.7500, 8.9972, -39.2458



185.9540, 19.7427, -32.4087

Sweetspot

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



193.9010, -6.3602, 33.4128



242.4960, -2.2165, 10.9660



198.2200, 16.6535, 25.2401



120.4030, -1.1847, 6.6626



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.



193.9010, -6.3602, 33.4128



205.7990, -8.2819, 43.1493



206.9460, -14.7634, 21.9724



106.7020, -1.3321, 7.2773



55.0030, -20.7075, 108.7454



15.7050, -5.7706, 30.9537

Inverse Universe

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



193.9010, -6.3602, 33.4128



205.7990, -8.2819, 43.1493



202.0540, 14.7634, -21.9724



106.7020, -1.3321, 7.2773



55.0030, -20.7075, 108.7454



15.7050, -5.7706, 30.9537

Previews

White Background



This preview shows how the YUV color 193.9010, -6.3602, 33.4128 looks on a white background.

Color Contrast Check

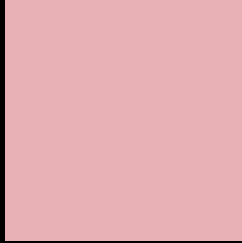
Large Text (above 18pt) WCAG AA × Fail

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 193.9010, -6.3602, 33.4128 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 193.9010, -6.3602, 33.4128

Background



This preview shows how black text looks on a background with the YUV color 193.9010, -6.3602, 33.4128.



This preview shows how white text looks on a background with the YUV color 193.9010, -6.3602,

33.4128.

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

193.9010, -6.3602, 33.4128

Protanopia

191.2670, -1.6106, 3.2738

Deuteranopia

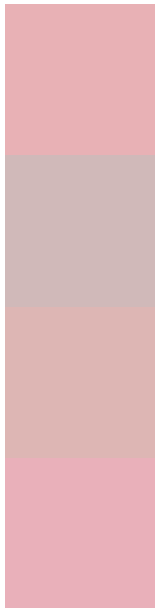
193.1010, -6.4588, 18.3284



Tritanopia

194.5250, -2.7238, 33.7426

Trichromacy



Original Color

193.9010, -6.3602, 33.4128

Protanomaly

191.8770, -3.3904, 14.1399

Deuteranomaly

193.4330, -6.6225, 24.1763

Tritanomaly

194.1830, -4.0342, 34.0425

Monochromacy



Original Color

193.9010, -6.3602, 33.4128

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.0940, -2.5113, 12.1956

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.9010, -6.3602, 33.4128 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(232, 177, 181)` looks like.

```
.text, #text, p{  
    color:rgb(232, 177, 181)  
}
```

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(232, 177, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 177, 181) }
```

Border

The CSS property to change the border of an element to YUV 193.9010, -6.3602, 33.4128 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(232, 177, 181) }
```


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

```
.border{ border-color:rgb(232, 177, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 177, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 177, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 177, 181);  
box-shadow:4px 4px 4px 4px rgb(232, 177,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 193.9010, -6.3602, 33.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 177, 181) }
```

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

```
.background{ background-color: rgb(232,  
177, 181) }
```

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