

Converting Colors

YUV(199.7530, -1.8502,
33.5426)

Have a look what the booklet for
YUV(199.7530, -1.8502, 33.5426)
contains.

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Color

**YUV(199.7530, -1.8502,
33.5426)**

Conversions

Conversions Part 1

Format	Color
Hex	EEB5C4
RGB	238, 181, 196
RGB Percent	93%, 71%, 77%
CMY	0.0667, 0.2902, 0.2314
CMYK	0.00, 0.24, 0.18, 0.07
HSL	344°, 63%, 82%
HSV	344°, 24%, 93%
XYZ	61.7476, 55.2104, 59.6268
YIQ	199.7530, 29.1570, 16.7490

Conversions

Conversions Part 2

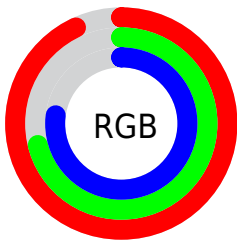
Format	Color
RYB	238, 181, 196
Decimal	15644100
CIELab	79.16, 22.86, 0.45
CIElCh	79, 22.864, 1.116
Yxy	55.2104, 0.3497, 0.3127
Android (android.graphics.Color)	4293834180 (0xFFEEB5C4)
YUV	199.7530, -1.8502, 33.5426
Hunter-Lab	74.3037, 18.3049, 4.4339

Details

The YUV color $199.7530, -1.8502, 33.5426$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $219.2470, 1.8502, -33.5426$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.2060, 4.3354, 9.4663$, and $145.4430, -1.6974, 31.1835$ is the 20% darker color. If you saturate the color by 10%, you get $183.6130, -2.7672, 47.6974$, and if you desaturate by 10%, it is $215.8930, -0.9332, 19.3878$.

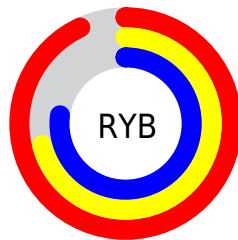
Distribution



Red (93%)

Green (71%)

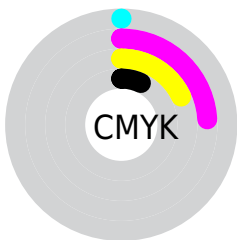
Blue (77%)



Red (93%)

Yellow (71%)

Blue (77%)

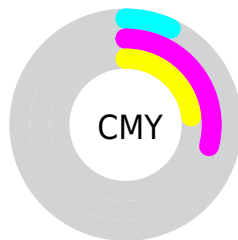


Cyan (0%)

Magenta (24%)

Yellow (18%)

Black (7%)



Cyan (7%)


Magenta (29%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 199.7530, -1.8502, 33.5426 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 199.7530, -1.8502, 33.5426 by changing the saturation by 10% instead.


 199.7530, -1.8502,
33.5426

 199.7530, -1.8502,
33.5426


255.0000, 0.0000,
0.0000


 172.1550, -1.5554,
32.3131

 244.2060, 4.3354,
9.4663

 145.4430, -1.6974,
31.1835

 119.2580, -1.1132,
30.4687

 94.2470, -1.1078,
28.7244

 69.7630, -0.3762,
27.3948

 46.8660, 0.0661,
25.5505

 24.3820, 0.7977,

24.2210

■ 9.9810, -4.4276,
20.1877

■ 0.0000, 0.0000,
0.0000

■ 199.7530, -1.8502,
33.5426

■ 199.7530, -1.8502,
33.5426

■ 183.6130, -2.7672,
47.6974

■ 215.8930, -0.9332,
19.3878

■ 167.5870, -3.2474,
61.7522

■ 231.9190, -0.4531,
5.3330

■ 152.0340, -4.4538,
75.3922

■ 247.4720, 0.7533,
-8.3069

■ 136.0080, -4.9339,
89.4470

■ 249.9170, 2.5059,
-10.4512

■ 119.8680, -5.8509,
103.6018

■ 103.8420, -6.3311,
117.6566

■ 87.7020, -7.2481,
131.8113

■ 78.3440, -7.5646,
140.0183

Harmonies

Analogous

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



199.7220, 8.5181, 21.2918



199.7530, -1.8502, 33.5426



199.1310, -11.8966, 35.8421

Triad

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



199.7530, -1.8502, 33.5426



192.3250, -16.4292, -3.7930



190.5620, 20.9219, -37.3269

Complementary

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



199.7530, -1.8502, 33.5426



219.2470, 1.8502, -33.5426

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.



187.2100, 14.6865, -44.0342



199.7530, -1.8502, 33.5426



189.9080, -7.3496, -22.7213

Square

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



199.7530, -1.8502, 33.5426



195.4090, -20.4146, 14.5503



187.4960, 4.1925, -38.1460



194.7860, 21.3045, -19.9833

Rectangle

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



199.7530, -1.8502, 33.5426



197.8440, -16.6851, 31.7088



187.4960, 4.1925, -38.1460



188.7850, 19.3330, -41.0304

Sweetspot

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



199.7530, -1.8502, 33.5426



242.9520, -0.4693, 10.5661



200.0560, 18.7064, 20.1219



120.6310, -0.3111, 6.4626



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.



199.7530, -1.8502, 33.5426



205.4060, -2.1722, 43.4939



205.6740, -12.1643, 28.3499



111.9300, -0.4585, 7.0774



60.4880, -6.1566, 108.3200



18.4540, -1.7028, 32.9278

Inverse Universe

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



199.7530, -1.8502, 33.5426



205.4060, -2.1722, 43.4939



213.3260, 12.1643, -28.3499



111.9300, -0.4585, 7.0774



60.4880, -6.1566, 108.3200



18.4540, -1.7028, 32.9278

Previews

White Background



This preview shows how the YUV color 199.7530, -1.8502, 33.5426 looks on a white background.

Color Contrast Check

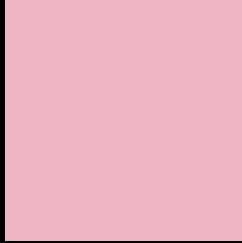
Large Text (above 18pt) WCAG AA × Fail

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 199.7530, -1.8502, 33.5426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

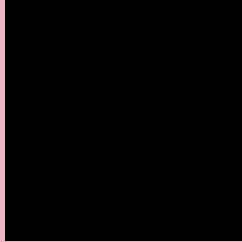
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.7530, -1.8502, 33.5426

Background



This preview shows how black text looks on a background with the YUV color 199.7530, -1.8502, 33.5426.



This preview shows how white text looks on a background with the YUV color 199.7530, -1.8502,

33.5426.

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

199.7530, -1.8502, 33.5426

Protanopia

196.9230, 3.4890, 0.9445

Deuteranopia

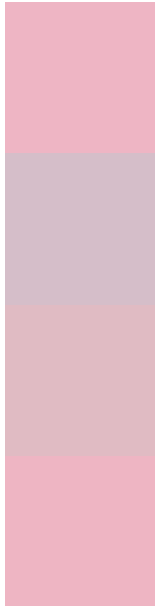
198.2300, -2.0854, 15.5843



Tritanopia

199.6390, -2.2870, 33.6426

Trichromacy



Original Color

199.7530, -1.8502, 33.5426

Protanomaly

198.1310, 1.4144, 13.0401

Deuteranomaly

198.9750, -1.9597, 21.9469

Tritanomaly

199.6390, -2.2870, 33.6426

Monochromacy



Original Color

199.7530, -1.8502, 33.5426

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.9630, -0.4748, 12.3104

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.7530, -1.8502, 33.5426 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(238, 181, 196)` looks like.

```
.text, #text, p{  
    color:rgb(238, 181, 196)  
}
```

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(238, 181, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 181, 196) }
```

Border

The CSS property to change the border of an element to YUV 199.7530, -1.8502, 33.5426 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(238, 181, 196) }
```


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

```
.border{ border-color:rgb(238, 181, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 181, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 181, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 181, 196);  
box-shadow:4px 4px 4px 4px rgb(238, 181,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 199.7530, -1.8502, 33.5426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 181, 196) }
```

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

```
.background{ background-color: rgb(238,  
181, 196) }
```

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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