

Converting Colors

YUV(196.5460, -38.2302,
35.4782)

Have a look what the booklet for
YUV(196.5460, -38.2302, 35.4782)
contains.

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Color

**YUV(196.5460, -38.2302,
35.4782)**

Conversions

Conversions Part 1

Format	Color
Hex	EDBF77
RGB	237, 191, 119
RGB Percent	93%, 75%, 47%
CMY	0.0706, 0.2510, 0.5333
CMYK	0.00, 0.19, 0.50, 0.07
HSL	37°, 77%, 70%
HSV	37°, 50%, 93%
XYZ	56.8856, 56.5980, 25.3791
YIQ	196.5460, 50.5280, -12.6400

Conversions

Conversions Part 2

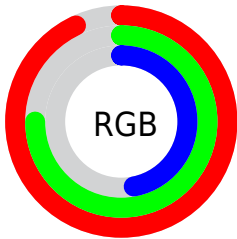
Format	Color
RYB	194, 237, 119
Decimal	15581047
CIELab	79.95, 7.77, 42.35
CIELCh	80, 43.060, 79.599
Yxy	56.5980, 0.4097, 0.4076
Android (android.graphics.Color)	4293771127 (0xFFEDBF77)
YUV	196.5460, -38.2302, 35.4782
Hunter-Lab	75.2317, 3.3155, 32.6609

Details

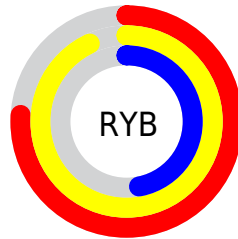
The YUV color $196.5460, -38.2302, 35.4782$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $159.4540, 38.2302, -35.4782$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.8420, -33.9391, 12.4166$, and $142.3930, -36.1827, 32.1043$ is the 20% darker color. If you saturate the color by 10%, you get $188.5270, -46.1088, 42.5108$, and if you desaturate by 10%, it is $204.5650, -30.3515, 28.4455$.

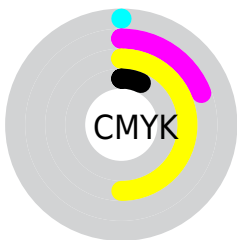
Distribution



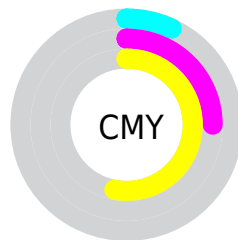
- Red (93%)
- Green (75%)
- Blue (47%)



- Red (76%)
- Yellow (93%)
- Blue (47%)



- Cyan (0%)
- Magenta (19%)
- Yellow (50%)
- Black (7%)



- Cyan (7%)
- Magenta (25%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5460, -38.2302, 35.4782 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 196.5460, -38.2302, 35.4782 by changing the saturation by 10% instead.

196.5460,
-38.2302, 35.4782

196.5460,
-38.2302, 35.4782

255.0000, 0.0000,
0.0000

169.0620,
-37.4986, 34.1486

240.8420,
-33.9391, 12.4166

142.3930,
-36.1827, 32.1043

248.7300,
-24.0239, 5.4988

115.6100,
-35.3037, 30.1600

251.9220,
-11.7935, 2.6994

90.5990, -35.2983,
28.4157

66.8590, -32.9615,
25.5567

46.1710, -22.7623,
20.8980

26.6570, -13.1419,

15.2098

■ 5.3820, -2.6533,
11.0660

■ 0.0000, 0.0000,
0.0000

■ 196.5460,
-38.2302, 35.4782

■ 196.5460,
-38.2302, 35.4782

■ 188.5270,
-46.1088, 42.5108

■ 204.5650,
-30.3515, 28.4455

■ 180.6220,
-53.5506, 49.4435

■ 212.4700,
-22.9097, 21.5128

■ 172.0160,
-61.1399, 56.9910

■ 221.0760,
-15.3205, 13.9653

■ 163.9970,
-69.0185, 64.0236

■ 229.0950, -7.4418,
6.9327

■ 155.9780,
-76.8972, 71.0563

■ 237.0000, 0.0000,
0.0000

■ 244.3350, 5.2578,
-6.4328

■ 249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



195.9900, -28.0961, 51.7518



196.5460, -38.2302, 35.4782



192.7440, -35.3698, 4.6095

Triad

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



196.5460, -38.2302, 35.4782



163.9450, 29.6071, -116.5928



203.3650, 23.4841, 27.7439

Complementary

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



196.5460, -38.2302, 35.4782



159.4540, 38.2302, -35.4782

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.



196.7790, 28.7030, -12.9612



196.5460, -38.2302, 35.4782



165.1420, 44.3000, -115.8885

Square

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



196.5460, -38.2302, 35.4782



178.9020, 1.5273, -70.0741



184.0780, 34.9645, -61.4584



199.2570, 7.2683, 48.8866

Rectangle

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



196.5460, -38.2302, 35.4782



189.4790, -26.8581, -18.8371



184.0780, 34.9645, -61.4584



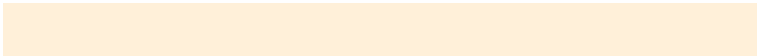
202.2710, 25.9954, 15.5483

Sweetspot

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



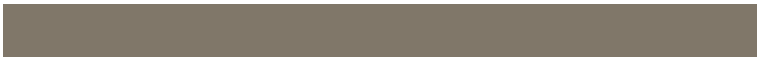
196.5460, -38.2302, 35.4782



241.8630, -12.2575, 11.5211



159.6400, 3.1355, 67.8447



120.0950, -7.4418, 6.9327



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.



196.5460, -38.2302, 35.4782



202.3380, -49.4666, 46.1846



219.9600, -49.7733, 4.4201



113.3980, -3.6472, 3.1590



118.6890, -58.5137, 54.6467



35.5170, -17.5099, 16.2096

Inverse Universe

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



159.4540, 38.2302, -35.4782



154.6620, 49.4666, -46.1846



136.0400, 49.7733, -4.4201



109.6020, 3.6472, -3.1590



62.3110, 58.5137, -54.6467



18.4830, 17.5099, -16.2096

Previews

White Background



This preview shows how the YUV color 196.5460, -38.2302, 35.4782 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 196.5460, -38.2302, 35.4782 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 196.5460, -38.2302, 35.4782

Background



This preview shows how black text looks on a background with the YUV color 196.5460, -38.2302, 35.4782.



This preview shows how white text looks on a background with the YUV color 196.5460, -38.2302, 35.4782.

35.4782.

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

196.5460, -38.2302, 35.4782

Protanopia

195.0170, -35.9974, 19.2791

Deuteranopia

196.5680, -38.2410, 38.9669



Tritanopia

202.1340, -3.0241, 36.7165

Trichromacy



Original Color

196.5460, -38.2302, 35.4782

Protanomaly

195.2350, -36.5979, 25.2269

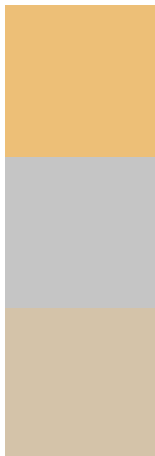
Deuteranomaly

196.8560, -38.3830, 37.8373

Tritanomaly

199.8060, -15.6804, 36.1271

Monochromacy



Original Color

196.5460, -38.2302, 35.4782

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.1190, -13.8627, 13.0506

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5460, -38.2302, 35.4782 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, 191, 119)` looks like.

```
.text, #text, p{  
    color:rgb(237, 191, 119)  
}
```

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, 191, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 191, 119) }
```

Border

The CSS property to change the border of an element to YUV 196.5460, -38.2302, 35.4782 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

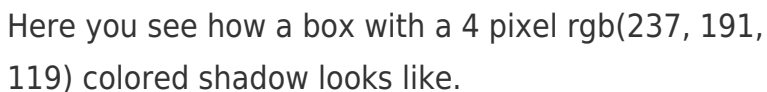
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 191, 119) }
```


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

```
.border{ border-color:rgb(237, 191, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 191, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 191, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 191, 119); box-shadow:4px 4px 4px 4px rgb(237, 191, 119) }
```

Background

The CSS property to change the background color of an element to YUV 196.5460, -38.2302, 35.4782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 191, 119) }
```

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

```
.background{ background-color: rgb(237,  
191, 119) }
```

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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