

Converting Colors

YUV(197.2360, -38.0773,
33.1190)

Have a look what the booklet for
YUV(197.2360, -38.0773, 33.1190)
contains.

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Color

**YUV(197.2360, -38.0773,
33.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC178
RGB	235, 193, 120
RGB Percent	92%, 76%, 47%
CMY	0.0784, 0.2431, 0.5294
CMYK	0.00, 0.18, 0.49, 0.08
HSL	38°, 74%, 70%
HSV	38°, 49%, 92%
XYZ	56.7211, 57.1582, 25.8124
YIQ	197.2360, 48.4650, -13.7990

Conversions

Conversions Part 2

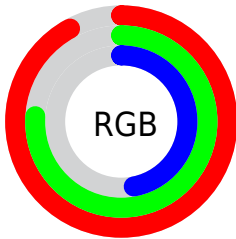
Format	Color
RYB	186, 235, 120
Decimal	15450488
CIELab	80.27, 6.01, 42.20
CIELCh	80, 42.625, 81.898
Yxy	57.1582, 0.4060, 0.4092
Android (android.graphics.Color)	4293640568 (0xFFEBC178)
YUV	197.2360, -38.0773, 33.1190
Hunter-Lab	75.6030, 1.6141, 32.6793

Details

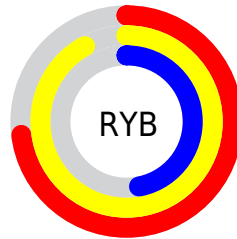
The YUV color $197.2360, -38.0773, 33.1190$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $157.7640, 38.0773, -33.1190$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.1300, -34.0811, 11.2870$, and $142.9690, -36.4667, 29.8452$ is the 20% darker color. If you saturate the color by 10%, you get $189.3310, -45.5192, 40.0517$, and if you desaturate by 10%, it is $205.1410, -30.6355, 26.1863$.

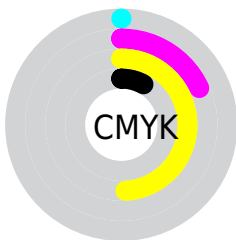
Distribution



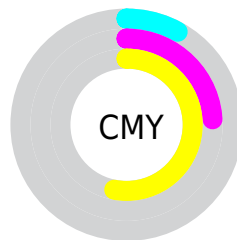
- Red (92%)
- Green (76%)
- Blue (47%)



- Red (73%)
- Yellow (92%)
- Blue (47%)



- Cyan (0%)
- Magenta (18%)
- Yellow (49%)
- Black (8%)



- Cyan (8%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.2360, -38.0773, 33.1190 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 197.2360, -38.0773, 33.1190 by changing the saturation by 10% instead.

197.2360,
-38.0773, 33.1190

197.2360,
-38.0773, 33.1190

255.0000, 0.0000,
0.0000

169.7520,
-37.3457, 31.7895

242.1300,
-34.0811, 11.2870

142.9690,
-36.4667, 29.8452

248.8440,
-23.5871, 5.3988

116.5990,
-35.2983, 28.4157

252.1500,
-10.9200, 2.4994

91.2890, -35.1455,
26.0565

67.4350, -33.2455,
23.2975

46.7470, -23.0463,
18.6389

26.9450, -13.2839,

14.0802

■ 4.7840, -2.3585,
9.8364

■ 0.0000, 0.0000,
0.0000

■ 197.2360,
-38.0773, 33.1190

■ 197.2360,
-38.0773, 33.1190

■ 189.3310,
-45.5192, 40.0517

■ 205.1410,
-30.6355, 26.1863

■ 181.8990,
-53.6872, 46.5696

■ 212.5730,
-22.4675, 19.6685

■ 173.9940,
-61.1290, 53.5023

■ 220.5920,
-14.5889, 12.6358

■ 166.5620,
-69.2971, 60.0201

■ 227.9100, -6.8576,
6.2179

■ 158.5430,
-77.1757, 67.0528

■ 235.9290, 1.0210,
-0.8147

■ 157.7280,
-77.7599, 67.7675

■ 242.5630, 6.1314,
-6.6328

■ 247.8460, 3.5269,
-11.2659

■ 249.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



197.0500, -29.1116, 50.8222



197.2360, -38.0773, 33.1190



193.6620, -34.3434, 2.0504

Triad

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



197.2360, -38.0773, 33.1190



165.4830, 30.3279, -114.4336



204.3330, 22.0208, 30.4030

Complementary

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



197.2360, -38.0773, 33.1190



157.7640, 38.0773, -33.1190

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.



198.5730, 27.8185, -9.2725



197.2360, -38.0773, 33.1190



169.9150, 41.9469, -107.7965

Square

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



197.2360, -38.0773, 33.1190



179.4610, 3.7167, -72.3183



186.4700, 33.7853, -56.5402



199.6160, 6.1053, 48.5718

Rectangle

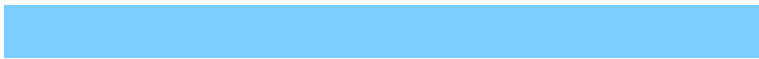
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



197.2360, -38.0773, 33.1190



189.8100, -25.5423, -20.8814



186.4700, 33.7853, -56.5402



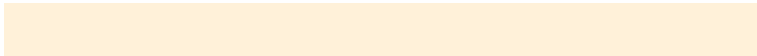
203.4670, 25.4058, 18.0074

Sweetspot

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



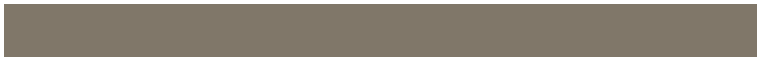
197.2360, -38.0773, 33.1190



242.4500, -12.5468, 11.0064



159.1730, 1.3937, 66.5003



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.



197.2360, -38.0773, 33.1190



205.6150, -49.6032, 43.3106



217.4050, -48.0207, 2.2758



113.3980, -3.6472, 3.1590



121.6240, -59.9606, 52.0728



36.1040, -17.7993, 15.6948

Inverse Universe

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



157.7640, 38.0773, -33.1190



153.7980, 49.8926, -42.7958



137.5950, 48.0207, -2.2758



109.6020, 3.6472, -3.1590



59.3760, 59.9606, -52.0728



17.8960, 17.7993, -15.6948

Previews

White Background



This preview shows how the YUV color 197.2360, -38.0773, 33.1190 looks on a white background.

Color Contrast Check

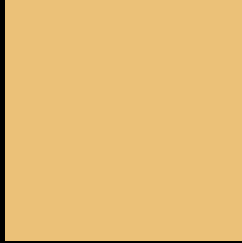
Large Text (above 18pt) WCAG AA × Fail

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 197.2360, -38.0773, 33.1190 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 197.2360, -38.0773, 33.1190 Background



This preview shows how black text looks on a background with the YUV color 197.2360, -38.0773, 33.1190.



This preview shows how white text looks on a background with the YUV color 197.2360, -38.0773,

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

197.2360, -38.0773, 33.1190

Protanopia

195.9030, -36.4342, 19.3791

Deuteranopia

197.6820, -37.8042, 38.8669



Tritanopia

202.9380, -2.4344, 34.2574

Trichromacy



Original Color

197.2360, -38.0773, 33.1190

Protanomaly

196.4090, -37.1766, 24.1973

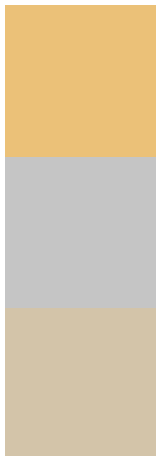
Deuteranomaly

197.3720, -37.6514, 36.5078

Tritanomaly

200.6100, -15.0907, 33.6680

Monochromacy



Original Color

197.2360, -38.0773, 33.1190

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.4070, -14.0047, 11.9211

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.2360, -38.0773, 33.1190 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(235, 193, 120)` looks like.

```
.text, #text, p{  
    color:rgb(235, 193, 120)  
}
```

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(235, 193, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 193, 120) }
```

Border

The CSS property to change the border of an element to YUV 197.2360, -38.0773, 33.1190 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(235, 193, 120) }
```


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

```
.border{ border-color:rgb(235, 193, 120) }
```

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

Here you see how a box with a 4 pixel rgb(235, 193, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 193, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 193, 120);  
box-shadow:4px 4px 4px 4px rgb(235, 193,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 197.2360, -38.0773, 33.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 193, 120) }
```

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

```
.background{ background-color: rgb(235,  
193, 120) }
```

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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