

Converting Colors

YUV(191.6280, -39.2566,
38.0372)

Have a look what the booklet for
YUV(191.6280, -39.2566, 38.0372)
contains.

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Color

**YUV(191.6280, -39.2566,
38.0372)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB970
RGB	235, 185, 112
RGB Percent	92%, 73%, 44%
CMY	0.0784, 0.2745, 0.5608
CMYK	0.00, 0.21, 0.52, 0.08
HSL	36°, 75%, 68%
HSV	36°, 52%, 92%
XYZ	54.5345, 53.5299, 22.7873
YIQ	191.6280, 53.2330, -12.1030

Conversions

Conversions Part 2

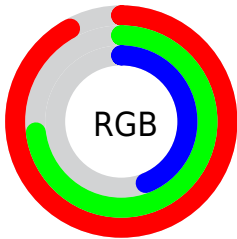
Format	Color
R_{YB}	196, 235, 112
Decimal	15448432
CIE _{Lab}	78.19, 9.50, 43.65
CIE _{LCh}	78, 44.670, 77.721
Yxy	53.5299, 0.4168, 0.4091
Android (android.graphics.Color)	4293638512 (0xFFEBB970)
YUV	191.6280, -39.2566, 38.0372
Hunter-Lab	73.1642, 5.0117, 32.7488

Details

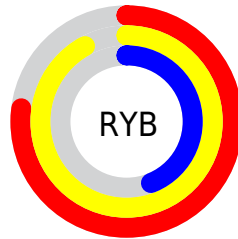
The YUV color $191.6280, -39.2566, 38.0372$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $155.3720, 39.2566, -38.0372$, and the grayscale version is $192.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.5220, -35.2603, 16.2052$, and $137.4750, -37.2092, 34.6634$ is the 20% darker color. If you saturate the color by 10%, you get $183.1360, -46.4090, 45.4847$, and if you desaturate by 10%, it is $200.2340, -31.6674, 30.4898$.

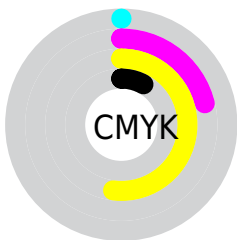
Distribution



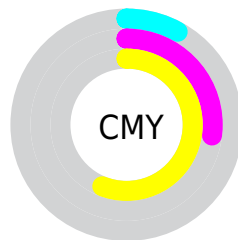
- Red (92%)
- Green (73%)
- Blue (44%)



- Red (77%)
- Yellow (92%)
- Blue (44%)



- Cyan (0%)
- Magenta (21%)
- Yellow (52%)
- Black (8%)



- Cyan (8%)
- Magenta (27%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.6280, -39.2566, 38.0372 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 191.6280, -39.2566, 38.0372 by changing the saturation by 10% instead.

191.6280,
-39.2566, 38.0372

191.6280,
-39.2566, 38.0372

255.0000, 0.0000,
0.0000

163.9590,
-37.9408, 35.9930

236.5220,
-35.2603, 16.2052

137.4750,
-37.2092, 34.6634

247.9320,
-27.0815, 6.1986

111.2790,
-36.6195, 32.2043

251.1240,
-14.8511, 3.3993

85.7410, -37.3403,
30.0451

254.4300, -2.1840,
0.4999

63.0270, -31.0723,
26.2863

42.3390, -20.8731,
21.6277

22.8250, -11.2527,

15.9395

■ 1.1960, -0.5896,
2.4591

■ 0.0000, 0.0000,
0.0000

■ 191.6280,
-39.2566, 38.0372

■ 191.6280,
-39.2566, 38.0372

■ 183.1360,
-46.4090, 45.4847

■ 200.2340,
-31.6674, 30.4898

■ 175.1170,
-54.2877, 52.5174

■ 208.1390,
-24.2255, 23.5571

■ 166.6250,
-61.4401, 59.9649

■ 216.7450,
-16.6363, 16.0096

■ 158.6060,
-69.3188, 66.9975

■ 224.6500, -9.1945,
9.0769

■ 151.8580,
-74.8660, 72.9155

■ 233.2560, -1.6052,
1.5295

■ 241.1610, 5.8366,
-5.4032

■ 247.2590, 3.8163,
-10.7511

■ 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.



191.8980, -28.5437, 55.3405



191.6280, -39.2566, 38.0372



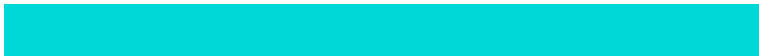
188.2990, -37.1224, 6.7538

Triad

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



191.6280, -39.2566, 38.0372



150.9430, 32.5661, -132.3770



198.8100, 25.2367, 25.5996

Complementary

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



191.6280, -39.2566, 38.0372



155.3720, 39.2566, -38.0372

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.



191.4410, 31.3346, -17.0498



191.6280, -39.2566, 38.0372



153.4000, 49.5958, -134.5318

Square

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



191.6280, -39.2566, 38.0372



172.9620, 0.5117, -71.0037



177.2340, 38.3386, -70.3652



195.5070, 8.1310, 52.1754

Rectangle

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



191.6280, -39.2566, 38.0372



184.6210, -28.9002, -17.2076



177.2340, 38.3386, -70.3652



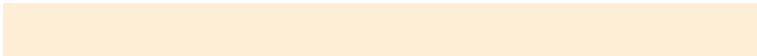
197.5310, 28.3322, 12.6893

Sweetspot

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



191.6280, -39.2566, 38.0372



240.3470, -12.9891, 12.8507



154.5910, 4.1456, 70.5187



119.2800, -8.0260, 7.6474



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.



191.6280, -39.2566, 38.0372



198.4910, -51.5141, 49.5584



217.9880, -52.2521, 6.1495



113.3980, -3.6472, 3.1590



116.9280, -57.6455, 56.1911



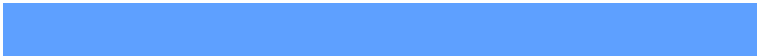
34.9300, -17.2205, 16.7244

Inverse Universe

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



155.3720, 39.2566, -38.0372



151.0960, 51.2247, -50.0732



129.0120, 52.2521, -6.1495



109.6020, 3.6472, -3.1590



64.0720, 57.6455, -56.1911



19.0700, 17.2205, -16.7244

Previews

White Background



This preview shows how the YUV color 191.6280, -39.2566, 38.0372 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 191.6280, -39.2566, 38.0372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

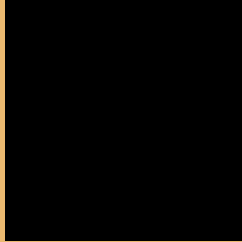
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.6280, -39.2566, 38.0372

Background



This preview shows how black text looks on a background with the YUV color 191.6280, -39.2566, 38.0372.



This preview shows how white text looks on a background with the YUV color 191.6280, -39.2566,

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

191.6280, -39.2566, 38.0372

Protanopia

190.3760, -37.1604, 18.9642

Deuteranopia

191.9270, -39.4040, 38.6520



Tritanopia

197.2160, -4.0505, 39.2756

Trichromacy



Original Color

191.6280, -39.2566, 38.0372

Protanomaly

190.8930, -37.9082, 25.5268

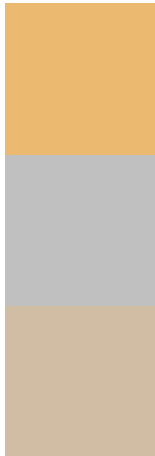
Deuteranomaly

191.9270, -39.4040, 38.6520

Tritanomaly

194.8880, -16.7068, 38.6862

Monochromacy



Original Color

191.6280, -39.2566, 38.0372

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.7170, -14.1575, 14.2802

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.6280, -39.2566, 38.0372 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, 185, 112)` looks like.

```
.text, #text, p{  
    color:rgb(235, 185, 112)  
}
```

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, 185, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 185, 112) }
```

Border

The CSS property to change the border of an element to YUV 191.6280, -39.2566, 38.0372 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, 185, 112) }
```


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

```
.border{ border-color:rgb(235, 185, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 185, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 185, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 185, 112);  
box-shadow:4px 4px 4px 4px rgb(235, 185,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 191.6280, -39.2566, 38.0372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 185, 112) }
```

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

```
.background{ background-color: rgb(235,  
185, 112) }
```

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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