

Converting Colors

YUV(199.0190, -38.9564,
35.0633)

Have a look what the booklet for
YUV(199.0190, -38.9564, 35.0633)
contains.

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Color

**YUV(199.0190, -38.9564,
35.0633)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC278
RGB	239, 194, 120
RGB Percent	94%, 76%, 47%
CMY	0.0627, 0.2392, 0.5294
CMYK	0.00, 0.19, 0.50, 0.06
HSL	37°, 79%, 70%
HSV	37°, 50%, 94%
XYZ	58.2786, 58.2904, 25.9489
YIQ	199.0190, 50.5740, -13.4740

Conversions

Conversions Part 2

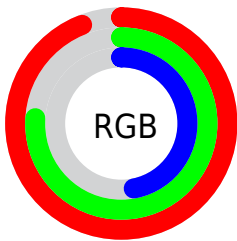
Format	Color
R_{YB}	192, 239, 120
Decimal	15712888
CIE _{Lab}	80.90, 7.10, 43.07
CIE _{LCh}	81, 43.652, 80.634
Yxy	58.2904, 0.4089, 0.4090
Android (android.graphics.Color)	4293902968 (0xFFEFC278)
YUV	199.0190, -38.9564, 35.0633
Hunter-Lab	76.3481, 2.6446, 33.2925

Details

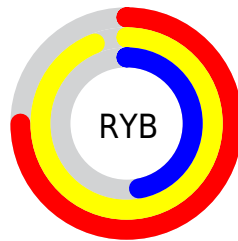
The YUV color **199.0190, -38.9564, 35.0633** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **159.9810, 38.9564, -35.0633**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.7170, -34.3705, 10.7722**, and **144.7520, -37.3457, 31.7895** is the 20% darker color. If you saturate the color by 10%, you get **191.0000, -46.8350, 42.0960**, and if you desaturate by 10%, it is **207.0380, -31.0777, 28.0307**.

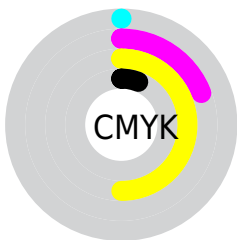
Distribution



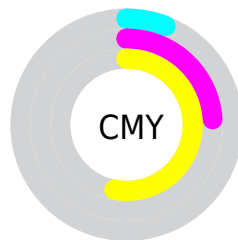
- Red (94%)
- Green (76%)
- Blue (47%)



- Red (75%)
- Yellow (94%)
- Blue (47%)



- Cyan (0%)
- Magenta (19%)
- Yellow (50%)
- Black (6%)



- Cyan (6%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.0190, -38.9564, 35.0633 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 199.0190, -38.9564, 35.0633 by changing the saturation by 10% instead.

199.0190,
-38.9564, 35.0633

199.0190,
-38.9564, 35.0633

255.0000, 0.0000,
0.0000

171.5350,
-38.2248, 33.7338

242.7170,
-34.3705, 10.7722

144.7520,
-37.3457, 31.7895

248.8440,
-23.5871, 5.3988

118.0830,
-36.0299, 29.7452

252.1500,
-10.9200, 2.4994

92.6590, -36.3139,
27.4861

68.3320, -33.6877,
25.1418

47.6440, -23.4885,
20.4832

28.1300, -13.8681,

14.7950

■ 5.9800, -2.9481,
12.2955

■ 0.0000, 0.0000,
0.0000

■ 199.0190,
-38.9564, 35.0633

■ 199.0190,
-38.9564, 35.0633

■ 191.0000,
-46.8350, 42.0960

■ 207.0380,
-31.0777, 28.0307

■ 182.9810,
-54.7136, 49.1287

■ 215.0570,
-23.1991, 20.9980

■ 174.9620,
-62.5923, 56.1613

■ 223.0760,
-15.3205, 13.9653

■ 166.9430,
-70.4709, 63.1940

■ 231.0950, -7.4418,
6.9327

■ 159.0380,
-77.9127, 70.1267

■ 239.0000, 0.0000,
0.0000

■ 158.9240,
-78.3495, 70.2267

■ 246.1070, 4.3842,
-6.2328

■ 250.2160, 2.3585,
-9.8364

Harmonies

Analogous

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



197.7510, -28.9642, 50.2074



199.0190, -38.9564, 35.0633



195.0320, -35.5118, 3.4799

Triad

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



199.0190, -38.9564, 35.0633



164.0800, 31.5126, -121.0962



206.2620, 23.0418, 29.5882

Complementary

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



199.0190, -38.9564, 35.0633



159.9810, 38.9564, -35.0633

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.



199.4480, 27.3871, -10.9169



199.0190, -38.9564, 35.0633



167.2020, 43.2844, -116.8182

Square

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



199.0190, -38.9564, 35.0633



180.8200, 2.5537, -72.6331



187.0350, 33.5067, -60.5437



200.5450, 7.1263, 47.7570

Rectangle

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



199.0190, -38.9564, 35.0633



191.4680, -26.8527, -20.5814



187.0350, 33.5067, -60.5437



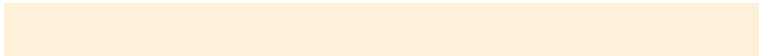
204.6410, 24.8270, 16.9778

Sweetspot

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



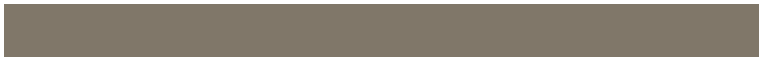
199.0190, -38.9564, 35.0633



242.4500, -12.5468, 11.0064



160.8250, 2.5513, 68.5595



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.



199.0190, -38.9564, 35.0633



203.5120, -50.0454, 45.1550



221.2480, -49.9153, 3.2905



115.6970, -3.7946, 3.7737



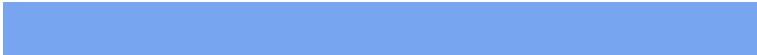
121.9340, -60.1135, 54.4319



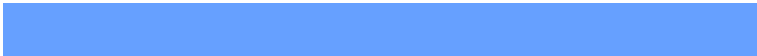
37.2890, -18.3835, 16.4095

Inverse Universe

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



159.9810, 38.9564, -35.0633



153.4880, 50.0454, -45.1550



137.7520, 49.9153, -3.2905



111.7160, 4.0840, -3.2589



61.4790, 60.4029, -53.9171



18.7110, 18.3835, -16.4095

Previews

White Background



This preview shows how the YUV color 199.0190, -38.9564, 35.0633 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 199.0190, -38.9564, 35.0633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

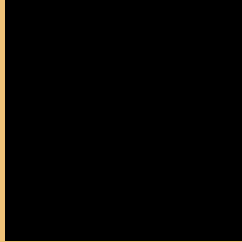
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.0190, -38.9564, 35.0633

Background



This preview shows how black text looks on a background with the YUV color 199.0190, -38.9564, 35.0633.



This preview shows how white text looks on a background with the YUV color 199.0190, -38.9564,

35.0633.

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

199.0190, -38.9564, 35.0633

Protanopia

197.7890, -36.8710, 19.4790

Deuteranopia

199.3400, -39.1146, 39.1668



Tritanopia

204.2480, -2.5873, 36.6165

Trichromacy



Original Color

199.0190, -38.9564, 35.0633

Protanomaly

198.0070, -37.4715, 25.4269

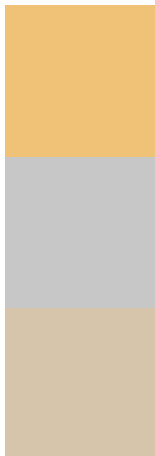
Deuteranomaly

199.3290, -39.1092, 37.4225

Tritanomaly

202.3930, -15.9697, 35.6123

Monochromacy



Original Color

199.0190, -38.9564, 35.0633

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.0050, -14.2995, 13.1506

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.0190, -38.9564, 35.0633 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(239, 194, 120)` looks like.

```
.text, #text, p{  
    color:rgb(239, 194, 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(239, 194, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 194, 120) }
```

Border

The CSS property to change the border of an element to YUV 199.0190, -38.9564, 35.0633 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(239, 194, 120) }
```


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

```
.border{ border-color:rgb(239, 194, 120) }
```

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

Here you see how a box with a 4 pixel rgb(239, 194, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 194, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 194, 120);  
box-shadow:4px 4px 4px 4px rgb(239, 194,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 199.0190, -38.9564, 35.0633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 194, 120) }
```

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

```
.background{ background-color: rgb(239,  
194, 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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