

Converting Colors

YUV(190.9760, -40.4142,
35.9780)

Have a look what the booklet for
YUV(190.9760, -40.4142, 35.9780)
contains.

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Color

**YUV(190.9760, -40.4142,
35.9780)**

Conversions

Conversions Part 1

Format	Color
Hex	E8BA6D
RGB	232, 186, 109
RGB Percent	91%, 73%, 43%
CMY	0.0902, 0.2706, 0.5725
CMYK	0.00, 0.20, 0.53, 0.09
HSL	38°, 73%, 67%
HSV	38°, 53%, 91%
XYZ	53.5979, 53.3777, 21.9460
YIQ	190.9760, 52.1330, -14.1950

Conversions

Conversions Part 2

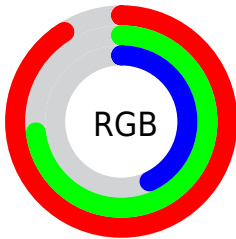
Format	Color
R _Y B	182, 232, 109
Decimal	15252077
CIE Lab	78.10, 7.49, 44.97
CIE LCh	78, 45.594, 80.541
Yxy	53.3777, 0.4157, 0.4140
Android (android.graphics.Color)	4293442157 (0xFFE8BA6D)
YUV	190.9760, -40.4142, 35.9780
Hunter-Lab	73.0601, 3.0951, 33.3323

Details

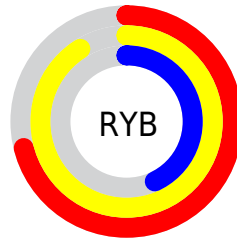
The YUV color **190.9760, -40.4142, 35.9780** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **150.0240, 40.4142, -35.9780**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7670, -36.8601, 15.9903**, and **136.8230, -38.3667, 32.6042** is the 20% darker color. If you saturate the color by 10%, you get **183.0710, -47.8560, 42.9107**, and if you desaturate by 10%, it is **198.8810, -32.9723, 29.0454**.

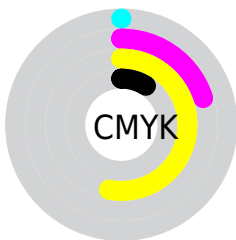
Distribution



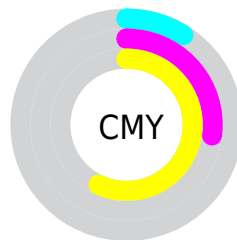
- Red (91%)
- Green (73%)
- Blue (43%)



- Red (71%)
- Yellow (91%)
- Blue (43%)



- Cyan (0%)
- Magenta (20%)
- Yellow (53%)
- Black (9%)



- Cyan (9%)
- Magenta (27%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.9760, -40.4142, 35.9780 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 190.9760, -40.4142, 35.9780 by changing the saturation by 10% instead.

190.9760,
-40.4142, 35.9780

190.9760,
-40.4142, 35.9780

255.0000, 0.0000,
0.0000

163.6060,
-39.2458, 34.5485

236.7670,
-36.8601, 15.9903

136.8230,
-38.3667, 32.6042

247.5900,
-28.3919, 6.4986

110.6270,
-37.7771, 30.1451

250.7820,
-16.1615, 3.6992

85.1600, -39.5189,
28.8007

254.0880, -3.4944,
0.7998

63.0160, -31.0669,
24.5420

42.0290, -20.7203,
19.2686

22.8140, -11.2473,

14.1951

■ 0.0000, 0.0000,
0.0000

■ 190.9760,
-40.4142, 35.9780

■ 190.9760,
-40.4142, 35.9780

■ 183.0710,
-47.8560, 42.9107

■ 198.8810,
-32.9723, 29.0454

■ 175.7530,
-55.5872, 49.3286

■ 206.1990,
-25.2411, 22.6275

■ 167.7340,
-63.4659, 56.3613

■ 214.2180,
-17.3625, 15.5948

■ 159.8290,
-70.9077, 63.2940

■ 222.1230, -9.9206,
8.6621

■ 154.4830,
-76.1601, 67.9824

■ 229.4410, -2.1894,
2.2442

■ 237.3460, 5.2524,
-4.6884

■ 243.4270, 5.7055,
-10.0215

■ 248.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



191.3280, -30.7277, 55.8403



190.9760, -40.4142, 35.9780



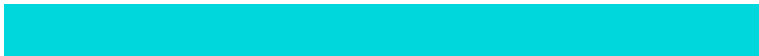
187.2770, -37.1116, 3.2651

Triad

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



190.9760, -40.4142, 35.9780



151.3990, 34.3133, -132.7769



198.2020, 24.0574, 30.5178

Complementary

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



190.9760, -40.4142, 35.9780



150.0240, 40.4142, -35.9780

Split Complementary

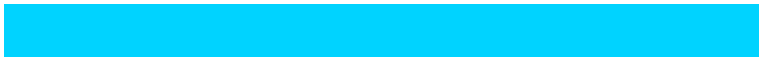
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



191.7620, 31.1763, -12.9463



190.9760, -40.4142, 35.9780



152.9270, 50.3220, -134.1170

Square

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



190.9760, -40.4142, 35.9780



171.0150, 3.4436, -78.0662



177.2560, 38.3278, -66.8765



194.4640, 6.6732, 53.0901

Rectangle

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



190.9760, -40.4142, 35.9780



183.5280, -27.8683, -21.5111



177.2560, 38.3278, -66.8765



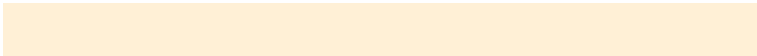
197.8520, 28.1740, 16.7928

Sweetspot

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



190.9760, -40.4142, 35.9780



241.5210, -13.5679, 11.8211



151.1350, 2.3984, 70.9186



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.



190.9760, -40.4142, 35.9780



200.6110, -53.5452, 47.6992



213.7920, -51.6625, 3.6904



110.6970, -3.7946, 3.7737



119.2650, -58.7976, 52.3876



34.0330, -16.7783, 14.8801

Inverse Universe

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



150.0240, 40.4142, -35.9780



146.3890, 53.5452, -47.6992



127.2080, 51.6625, -3.6904



107.3030, 3.7946, -3.7737



59.7350, 58.7976, -52.3876



16.9670, 16.7783, -14.8801

Previews

White Background



This preview shows how the YUV color 190.9760, -40.4142, 35.9780 looks on a white background.

Color Contrast Check

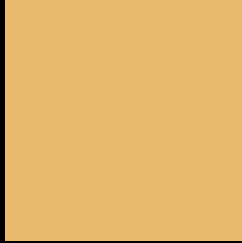
Large Text (above 18pt) WCAG AA × Fail

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 190.9760, -40.4142, 35.9780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

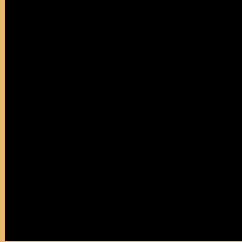
Any Text WCAG AA ✓ Pass

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 190.9760, -40.4142, 35.9780 Background



This preview shows how black text looks on a background with the YUV color 190.9760, -40.4142, 35.9780.



This preview shows how white text looks on a background with the YUV color 190.9760, -40.4142, 35.9780.

35.9780.

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

190.9760, -40.4142, 35.9780

Protanopia

189.4470, -38.1814, 19.7790

Deuteranopia

190.9980, -40.4250, 39.4668



Tritanopia

196.4330, -3.1715, 37.3313

Trichromacy



Original Color

190.9760, -40.4142, 35.9780

Protanomaly

189.6650, -38.7818, 25.7268

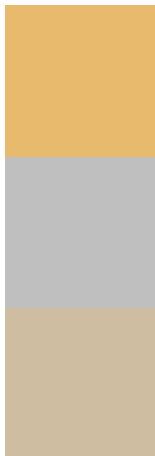
Deuteranomaly

191.2860, -40.5670, 38.3372

Tritanomaly

194.5780, -16.5540, 36.3271

Monochromacy



Original Color

190.9760, -40.4142, 35.9780

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.8910, -14.7363, 13.2506

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.9760, -40.4142, 35.9780 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(232, 186, 109)` looks like.

```
.text, #text, p{  
    color:rgb(232, 186, 109)  
}
```

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(232, 186, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 186, 109) }
```

Border

The CSS property to change the border of an element to YUV 190.9760, -40.4142, 35.9780 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(232, 186, 109) }
```


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

```
.border{ border-color:rgb(232, 186, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 186, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 186, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 186, 109);  
box-shadow:4px 4px 4px 4px rgb(232, 186,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 190.9760, -40.4142, 35.9780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 186, 109) }
```

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

```
.background{ background-color: rgb(232,  
186, 109) }
```

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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