

Converting Colors

YUV(185.8250, -44.7767,
35.2335)

Have a look what the booklet for
YUV(185.8250, -44.7767, 35.2335)
contains.

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Color

**YUV(185.8250, -44.7767,
35.2335)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B75F
RGB	226, 183, 95
RGB Percent	89%, 72%, 37%
CMY	0.1137, 0.2824, 0.6275
CMYK	0.00, 0.19, 0.58, 0.11
HSL	40°, 69%, 63%
HSV	40°, 58%, 89%
XYZ	50.3631, 50.8619, 17.9894
YIQ	185.8250, 53.8760, -18.2520

Conversions

Conversions Part 2

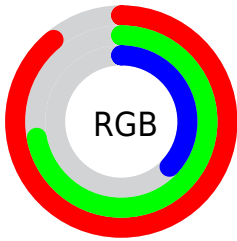
Format	Color
RYB	159, 226, 95
Decimal	14858079
CIELab	76.60, 5.48, 49.90
CIELCh	77, 50.203, 83.728
Yxy	50.8619, 0.4225, 0.4266
Android (android.graphics.Color)	4293048159 (0xFFE2B75F)
YUV	185.8250, -44.7767, 35.2335
Hunter-Lab	71.3176, 1.2475, 34.9668

Details

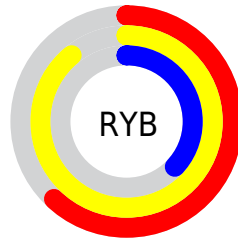
The YUV color $185.8250, -44.7767, 35.2335$ is a light color, and the websafe version is hex FFCC66 . The color can be described as light muted orange. A complement of this color would be $135.1750, 44.7767, -35.2335$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.4100, -42.1071, 18.9344$, and $131.5580, -43.1661, 31.9596$ is the 20% darker color. If you saturate the color by 10%, you get $179.0940, -52.7973, 41.1366$, and if you desaturate by 10%, it is $192.5560, -36.7561, 29.3304$.

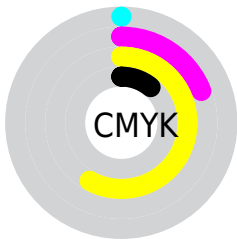
Distribution



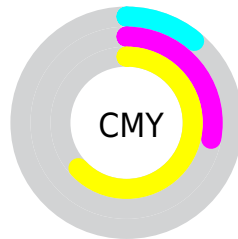
- Red (89%)
- Green (72%)
- Blue (37%)



- Red (62%)
- Yellow (89%)
- Blue (37%)



- Cyan (0%)
- Magenta (19%)
- Yellow (58%)
- Black (11%)



- Cyan (11%)
- Magenta (28%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.8250, -44.7767, 35.2335 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 185.8250, -44.7767, 35.2335 by changing the saturation by 10% instead.

■ 185.8250,
-44.7767, 35.2335

■ 185.8250,
-44.7767, 35.2335

■ 255.0000, 0.0000,
0.0000

■ 158.3410,
-44.0451, 33.9039

■ 233.4100,
-42.1071, 18.9344

■ 131.5580,
-43.1661, 31.9596

■ 245.8800,
-34.9438, 7.9982

■ 104.9060,
-44.3237, 29.9004

■ 249.0720,
-22.7135, 5.1989

■ 81.0350, -39.9503,
27.1563

■ 252.3780,
-10.0464, 2.2995

■ 60.0480, -29.6037,
21.8829

■ 39.0610, -19.2571,
16.6095

■ 20.1450, -9.9315,

12.1508

■ 0.0000, 0.0000,
0.0000

■ 185.8250,
-44.7767, 35.2335

■ 185.8250,
-44.7767, 35.2335

■ 179.0940,
-52.7973, 41.1366

■ 192.5560,
-36.7561, 29.3304

■ 171.8900,
-60.0918, 47.4545

■ 199.7600,
-29.4617, 23.0125

■ 165.1590,
-68.1124, 53.3576

■ 206.4910,
-21.4411, 17.1094

■ 157.9550,
-75.4068, 59.6755

■ 213.6950,
-14.1466, 10.7915

■ 156.7980,
-77.3014, 60.6902

■ 220.4260, -6.1260,
4.8884

■ 227.7440, 1.6052,
-1.5295

■ 234.3610, 9.1890,
-7.3326

■ 238.6980, 8.0369,
-11.1361

■ 243.3940, 5.7218,
-15.2545

Harmonies

Analogous

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



186.9110, -34.9591, 59.7141



185.8250, -44.7767, 35.2335



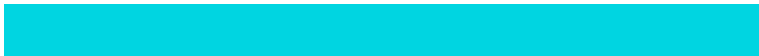
181.5600, -39.7161, -1.3681

Triad

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



185.8250, -44.7767, 35.2335



150.6810, 36.6393, -132.1472



194.3600, 24.4725, 37.3953

Complementary

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



185.8250, -44.7767, 35.2335



135.1750, 44.7767, -35.2335

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.



188.5390, 32.7653, -9.2427



185.8250, -44.7767, 35.2335



151.1660, 51.1902, -132.5726

Square

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



185.8250, -44.7767, 35.2335



155.6850, 10.5083, -104.0867



171.0210, 41.4016, -72.8094



188.3830, 6.2202, 58.4231

Rectangle

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



185.8250, -44.7767, 35.2335



177.3700, -28.2834, -28.3885



171.0210, 41.4016, -72.8094



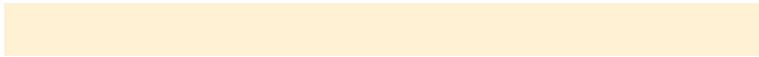
194.3520, 29.8995, 23.3703

Sweetspot

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



185.8250, -44.7767, 35.2335



241.8800, -14.7308, 11.5062



139.1850, -0.0912, 76.1368



119.7530, -8.7522, 7.2326



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.



185.8250, -44.7767, 35.2335



200.0750, -60.6760, 48.1692



204.4880, -53.9776, -0.4280



108.9850, -3.9366, 2.6442



121.8900, -60.0918, 47.4545



33.7230, -16.6254, 12.5209

Inverse Universe

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



135.1750, 44.7767, -35.2335



131.3380, 60.9654, -47.6544



116.5120, 53.9776, 0.4280



104.6020, 3.6472, -3.1590



54.1100, 60.0918, -47.4545



14.8640, 16.3360, -13.0357

Previews

White Background



This preview shows how the YUV color 185.8250, -44.7767, 35.2335 looks on a white background.

Color Contrast Check

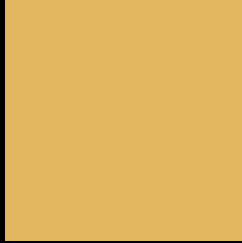
Large Text (above 18pt) WCAG AA × Fail

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 185.8250, -44.7767, 35.2335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

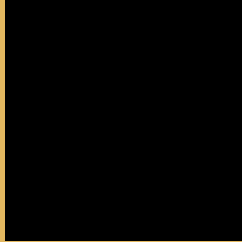
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.8250, -44.7767, 35.2335

Background



This preview shows how black text looks on a background with the YUV color 185.8250, -44.7767, 35.2335.



This preview shows how white text looks on a background with the YUV color 185.8250, -44.7767, 35.2335.

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

185.8250, -44.7767, 35.2335

Protanopia

184.4920, -43.1336, 21.4935

Deuteranopia

186.2710, -44.5036, 40.9813



Tritanopia

192.7210, -3.3135, 36.2017

Trichromacy



Original Color

185.8250, -44.7767, 35.2335

Protanomaly

184.9980, -43.8760, 26.3118

Deuteranomaly

185.9610, -44.3508, 38.6222

Tritanomaly

190.4100, -18.4431, 35.5974

Monochromacy



Original Color

185.8250, -44.7767, 35.2335

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.1360, -16.3360, 13.0357

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.8250, -44.7767, 35.2335 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(226, 183, 95)` looks like.

```
.text, #text, p{  
    color:rgb(226, 183, 95)  
}
```

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(226, 183, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 183, 95) }
```

Border

The CSS property to change the border of an element to YUV 185.8250, -44.7767, 35.2335 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(226, 183, 95) }
```


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

```
.border{ border-color:rgb(226, 183, 95) }
```

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

Here you see how a box with a 4 pixel rgb(226, 183, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 183, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 183, 95);  
box-shadow:4px 4px 4px 4px rgb(226, 183,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 185.8250, -44.7767, 35.2335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 183, 95) }
```

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

```
.background{ background-color: rgb(226,  
183, 95) }
```

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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