

Converting Colors

YUV(207.4600, -64.8098,
20.6446)

Have a look what the booklet for
YUV(207.4600, -64.8098, 20.6446)
contains.

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Color

**YUV(207.4600, -64.8098,
20.6446)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DD4C
RGB	231, 221, 76
RGB Percent	91%, 87%, 30%
CMY	0.0941, 0.1333, 0.7020
CMYK	0.00, 0.04, 0.67, 0.09
HSL	56°, 76%, 60%
HSV	56°, 67%, 91%
XYZ	60.1160, 69.2236, 17.0305
YIQ	207.4600, 52.5050, -42.9750

Conversions

Conversions Part 2

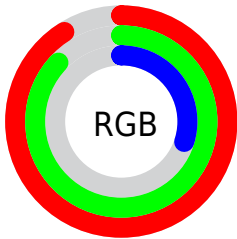
Format	Color
R _Y B	87, 231, 76
Decimal	15195468
CIE Lab	86.61, -13.11, 69.16
CIE LCh	87, 70.395, 100.734
Yxy	69.2236, 0.4107, 0.4729
Android (android.graphics.Color)	4293385548 (0xFFE7DD4C)
YUV	207.4600, -64.8098, 20.6446
Hunter-Lab	83.2007, -16.6277, 46.1043

Details

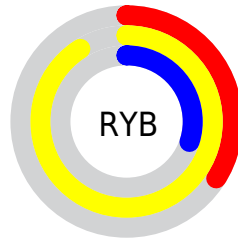
The YUV color $207.4600, -64.8098, 20.6446$ is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be $99.5400, 64.8098, -20.6446$, and the grayscale version is $208.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.9780, -53.7262, 12.2973$, and $148.8700, -73.3929, 20.2850$ is the 20% darker color. If you saturate the color by 10%, you get $204.2510, -74.5667, 23.4589$, and if you desaturate by 10%, it is $210.6690, -55.0528, 17.8303$.

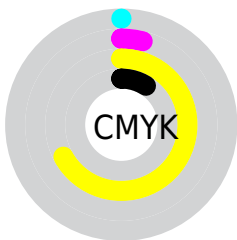
Distribution



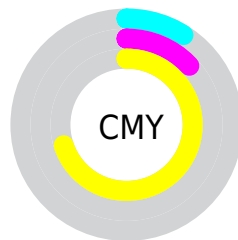
- Red (91%)
- Green (87%)
- Blue (30%)



- Red (34%)
- Yellow (91%)
- Blue (30%)



- Cyan (0%)
- Magenta (4%)
- Yellow (67%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.4600, -64.8098, 20.6446 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 207.4600, -64.8098, 20.6446 by changing the saturation by 10% instead.

■ 207.4600,
-64.8098, 20.6446

■ 207.4600,
-64.8098, 20.6446

■ 255.0000, 0.0000,
0.0000

■ 178.6340,
-65.3886, 19.6150

■ 240.9780,
-53.7262, 12.2973

■ 148.8700,
-73.3929, 20.2850

■ 244.1700,
-41.4958, 9.4979

■ 124.9370,
-61.5939, 15.8413

■ 247.4760,
-28.8287, 6.5985

■ 101.8900,
-50.2318, 11.4975

■ 250.7820,
-16.1615, 3.6992

■ 79.1420, -39.0170,
7.7685

■ 254.0880, -3.4944,
0.7998

■ 57.5680, -28.3810,
3.0099

■ 36.8800, -18.1818,

-1.6488

■ 16.1590, -7.9664,
-11.5404

■ 0.0000, 0.0000,
0.0000

■ 207.4600,
-64.8098, 20.6446

■ 207.4600,
-64.8098, 20.6446

■ 204.2510,
-74.5667, 23.4589

■ 210.6690,
-55.0528, 17.8303

■ 200.4550,
-84.0343, 26.7880

■ 214.4650,
-45.5852, 14.5012

■ 197.2460,
-93.7913, 29.6023

■ 217.6740,
-35.8283, 11.6869

■ 195.8610,
-96.5595, 30.8169

■ 221.4700,
-26.3607, 8.3578

■ 224.6790,
-16.6037, 5.5435

■ 228.5890, -6.6994,
2.1144

■ 231.7980, 3.0576,
-0.6998

■ 234.9100, 9.9044,
-3.4291

■ 235.4970, 9.6150,
-3.9439

Harmonies

Analogous

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



202.3890, -56.8868, 46.1398



207.4600, -64.8098, 20.6446



198.9010, -43.8282, -35.8702

Triad

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



207.4600, -64.8098, 20.6446



174.0590, 39.9039, -152.6497



201.5830, 26.3346, 46.8467

Complementary

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



207.4600, -64.8098, 20.6446



99.5400, 64.8098, -20.6446

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.



215.3610, 19.5420, 32.1324



207.4600, -64.8098, 20.6446



167.6020, 43.0872, -146.9870

Square

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



207.4600, -64.8098, 20.6446



174.1100, 32.4838, -152.6945



196.8250, 28.6803, -52.4665



190.6340, 2.1524, 56.4490

Rectangle

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



207.4600, -64.8098, 20.6446



187.1240, -18.7951, -85.1777



196.8250, 28.6803, -52.4665



206.2790, 24.0195, 42.7283

Sweetspot

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



207.4600, -64.8098, 20.6446



247.4250, -21.4085, 6.6433



123.4850, -18.4801, 94.2907



123.2920, -12.9620, 4.1289



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.



207.4600, -64.8098, 20.6446



223.7710, -86.6551, 27.3878



193.2970, -57.8274, -25.6935



113.0450, -4.9522, 1.7145



151.5500, -74.7142, 24.0736



43.4250, -21.4085, 6.6433

Inverse Universe

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



99.5400, 64.8098, -20.6446



79.8160, 86.3657, -27.9026



113.7030, 57.8274, 25.6935



104.9550, 4.9522, -1.7145



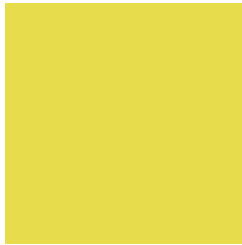
27.4500, 74.7142, -24.0737



7.5750, 21.4085, -6.6433

Previews

White Background



This preview shows how the YUV color 207.4600, -64.8098, 20.6446 looks on a white background.

Color Contrast Check

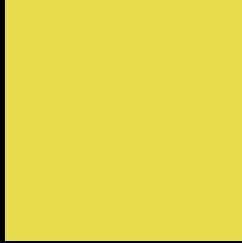
Large Text (above 18pt) WCAG AA × Fail

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 207.4600, -64.8098, 20.6446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

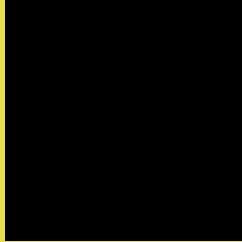
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 207.4600, -64.8098, 20.6446

Background



This preview shows how black text looks on a background with the YUV color 207.4600, -64.8098, 20.6446.

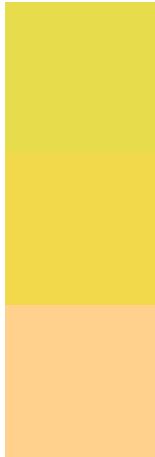


This preview shows how white text looks on a background with the YUV color 207.4600, -64.8098, 20.6446.

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

207.4600, -64.8098, 20.6446

Protanopia

208.2870, -65.7105, 29.5663

Deuteranopia

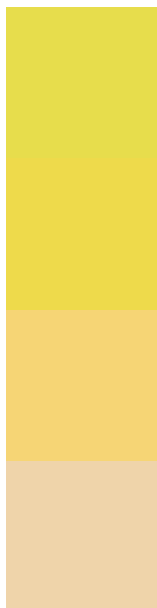
215.0020, -36.4830, 35.0782



Tritanopia

219.8870, 1.5347, 21.1471

Trichromacy



Original Color

207.4600, -64.8098, 20.6446

Protanomaly

207.6780, -65.4103, 26.5924

Deuteranomaly

211.9230, -46.7970, 29.8855

Tritanomaly

215.2850, -22.3255, 20.7981

Monochromacy



Original Color

207.4600, -64.8098, 20.6446

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

207.1540, -23.7399, 7.7579

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.4600, -64.8098, 20.6446 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(231, 221, 76)` looks like.

```
.text, #text, p{  
    color:rgb(231, 221, 76)  
}
```

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(231, 221, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 221, 76) }
```

Border

The CSS property to change the border of an element to YUV 207.4600, -64.8098, 20.6446 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(231, 221, 76) }
```


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

```
.border{ border-color:rgb(231, 221, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 221, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 221, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 221, 76);  
box-shadow:4px 4px 4px 4px rgb(231, 221,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 207.4600, -64.8098, 20.6446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 221, 76) }
```

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

```
.background{ background-color: rgb(231,  
221, 76) }
```

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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