

Converting Colors

YUV(197.9880, -65.5631,
28.9515)

Have a look what the booklet for
YUV(197.9880, -65.5631, 28.9515)
contains.

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Color

**YUV(197.9880, -65.5631,
28.9515)**

Conversions

Conversions Part 1

Format	Color
Hex	E7CF41
RGB	231, 207, 65
RGB Percent	91%, 81%, 25%
CMY	0.0941, 0.1882, 0.7451
CMYK	0.00, 0.10, 0.72, 0.09
HSL	51°, 78%, 58%
HSV	51°, 72%, 91%
XYZ	56.2220, 61.9962, 14.0043
YIQ	197.9880, 59.8860, -39.0740

Conversions

Conversions Part 2

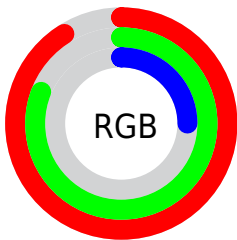
Format	Color
R _Y B	93, 231, 65
Decimal	15191873
CIE Lab	82.91, -6.62, 69.58
CIE LCh	83, 69.896, 95.437
Yxy	61.9962, 0.4252, 0.4689
Android (android.graphics.Color)	4293381953 (0xFFE7CF41)
YUV	197.9880, -65.5631, 28.9515
Hunter-Lab	78.7377, -10.3346, 44.5711

Details

The YUV color **197.9880, -65.5631, 28.9515** 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 **98.0120, 65.5631, -28.9515**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7240, -58.5309, 13.3971**, and **141.2390, -69.6308, 26.9774** is the 20% darker color. If you saturate the color by 10%, you get **193.6050, -74.7413, 32.7954**, and if you desaturate by 10%, it is **202.3710, -56.3849, 25.1076**.

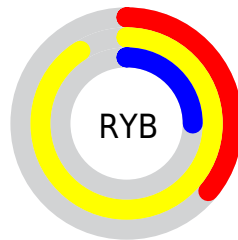
Distribution



Red (91%)

Green (81%)

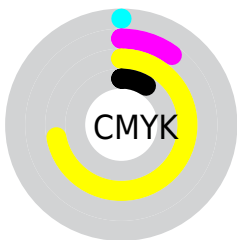
Blue (25%)



Red (36%)

Yellow (91%)

Blue (25%)

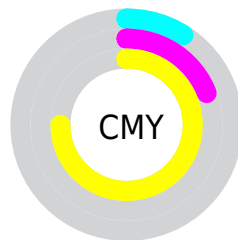


Cyan (0%)

Magenta (10%)

Yellow (72%)

Black (9%)



Cyan (9%)

Magenta (19%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.9880, -65.5631, 28.9515 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 197.9880, -65.5631, 28.9515 by changing the saturation by 10% instead.

■ 197.9880,
-65.5631, 28.9515

■ 197.9880,
-65.5631, 28.9515

■ 255.0000, 0.0000,
0.0000

■ 169.5210,
-67.3049, 27.6071

■ 239.7240,
-58.5309, 13.3971

■ 141.2390,
-69.6308, 26.9774

■ 242.9160,
-46.3006, 10.5977

■ 117.3060,
-57.8319, 22.5336

■ 246.2220,
-33.6334, 7.6983

■ 94.5470, -46.6117,
17.0603

■ 249.4140,
-21.4031, 4.8989

■ 72.3860, -35.6863,
12.8165

■ 252.8340, -8.2992,
1.8996

■ 50.8120, -25.0503,
8.0579

■ 31.0100, -15.2879,

3.4992

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 197.9880,
-65.5631, 28.9515

■ 197.9880,
-65.5631, 28.9515

■ 193.6050,
-74.7413, 32.7954

■ 202.3710,
-56.3849, 25.1076

■ 188.6350,
-83.6301, 37.1541

■ 207.3410,
-47.4961, 20.7489

■ 185.2950,
-91.3504, 40.0833

■ 211.7240,
-38.3179, 16.9051

■ 216.1070,
-29.1398, 13.0612

■ 221.1910,
-19.8142, 8.6025

■ 225.5740,
-10.6360, 4.7586

■ 229.9570, -1.4578,
0.9147

■ 234.9270, 7.4310,
-3.4440

■ 237.2580, 8.7468,
-5.4883

Harmonies

Analogous

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



193.2420, -53.8563, 54.1618



197.9880, -65.5631, 28.9515



190.5280, -48.0813, -25.0191

Triad

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



197.9880, -65.5631, 28.9515



168.1890, 42.7978, -147.5018



198.0610, 28.0709, 49.9355

Complementary

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



197.9880, -65.5631, 28.9515



98.0120, 65.5631, -28.9515

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.



204.3530, 24.9690, 18.1074



197.9880, -65.5631, 28.9515



162.9060, 45.4023, -142.8686

Square

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



197.9880, -65.5631, 28.9515



165.0310, 25.6207, -144.7322



179.8480, 37.0499, -77.0427



184.4050, 6.2093, 61.9118

Rectangle

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



197.9880, -65.5631, 28.9515



180.9750, -26.1167, -70.1381



179.8480, 37.0499, -77.0427



202.7570, 25.7558, 45.8171

Sweetspot

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



197.9880, -65.5631, 28.9515



243.9200, -22.1456, 9.7172



117.4840, -13.5496, 99.5535



121.1890, -13.4042, 5.9732



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.



197.9880, -65.5631, 28.9515



211.2500, -86.3982, 38.3688



194.7340, -63.9589, -19.0607



112.4580, -4.6628, 2.2293



143.3320, -70.6627, 31.2808



41.0770, -20.2510, 8.7025

Inverse Universe

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



98.0120, 65.5631, -28.9515



79.1630, 86.6876, -37.8540



101.2660, 63.9589, 19.0607



105.5420, 4.6628, -2.2293



35.6680, 70.6627, -31.2808



9.9230, 20.2510, -8.7025

Previews

White Background



This preview shows how the YUV color 197.9880, -65.5631, 28.9515 looks on a white background.

Color Contrast Check

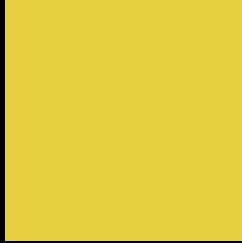
Large Text (above 18pt) WCAG AA × Fail

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 197.9880, -65.5631, 28.9515 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 197.9880, -65.5631, 28.9515

Background



This preview shows how black text looks on a background with the YUV color 197.9880, -65.5631, 28.9515.



This preview shows how white text looks on a background with the YUV color 197.9880, -65.5631, 28.9515.

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

197.9880, -65.5631, 28.9515

Protanopia

197.9880, -65.5631, 28.9515

Deuteranopia

201.9160, -56.1606, 46.5547



Tritanopia

209.3610, -0.6710, 28.6244

Trichromacy



Original Color

197.9880, -65.5631, 28.9515

Protanomaly

197.9880, -65.5631, 28.9515

Deuteranomaly

200.6610, -59.4859, 39.7623

Tritanomaly

205.1720, -24.2418, 28.7902

Monochromacy



Original Color

197.9880, -65.5631, 28.9515

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.8770, -23.6034, 10.6319

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.9880, -65.5631, 28.9515 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, 207, 65)` looks like.

```
.text, #text, p{  
    color:rgb(231, 207, 65)  
}
```

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, 207, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 207, 65) }
```

Border

The CSS property to change the border of an element to YUV 197.9880, -65.5631, 28.9515 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, 207, 65) }
```


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

```
.border{ border-color:rgb(231, 207, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 207, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 207, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 207, 65);  
box-shadow:4px 4px 4px 4px rgb(231, 207,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 197.9880, -65.5631, 28.9515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 207, 65) }
```

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

```
.background{ background-color: rgb(231,  
207, 65) }
```

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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