

Converting Colors

YUV(186.1340, -80.4251,
35.8395)

Have a look what the booklet for
YUV(186.1340, -80.4251, 35.8395)
contains.

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Color

**YUV(186.1340, -80.4251,
35.8395)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C517
RGB	227, 197, 23
RGB Percent	89%, 77%, 9%
CMY	0.1098, 0.2275, 0.9098
CMYK	0.00, 0.13, 0.90, 0.11
HSL	51°, 82%, 49%
HSV	51°, 90%, 89%
XYZ	51.7995, 56.3253, 8.9523
YIQ	186.1340, 73.7340, -47.7540

Conversions

Conversions Part 2

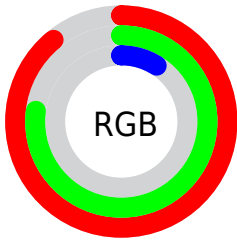
Format	Color
RYB	58, 227, 23
Decimal	14927127
CIELab	79.80, -4.51, 78.20
CIELCh	80, 78.333, 93.302
Yxy	56.3253, 0.4424, 0.4811
Android (android.graphics.Color)	4293117207 (0xFFE3C517)
YUV	186.1340, -80.4251, 35.8395
Hunter-Lab	75.0502, -8.1374, 45.4627

Details

The YUV color **186.1340, -80.4251, 35.8395** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **63.8660, 80.4251, -35.8395**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.2440, -70.6193, 17.3260**, and **134.4610, -66.2893, 28.5367** is the 20% darker color. If you saturate the color by 10%, you get **181.7510, -89.6032, 39.6834**, and if you desaturate by 10%, it is **190.5170, -71.2469, 31.9956**.

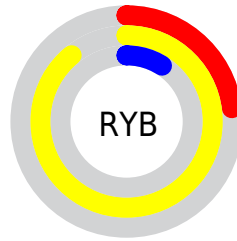
Distribution



Red (89%)

Green (77%)

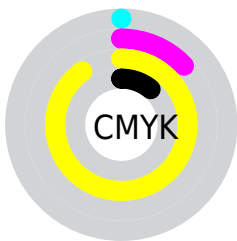
Blue (9%)



Red (23%)

Yellow (89%)

Blue (9%)

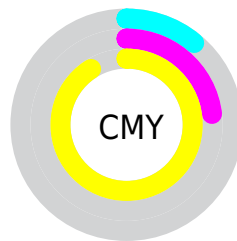


Cyan (0%)

Magenta (13%)

Yellow (90%)

Black (11%)



Cyan (11%)

Magenta (23%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.1340, -80.4251, 35.8395 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 186.1340, -80.4251, 35.8395 by changing the saturation by 10% instead.

■ 186.1340,
-80.4251, 35.8395

■ 186.1340,
-80.4251, 35.8395

■ 255.0000, 0.0000,
0.0000

■ 158.6930,
-78.2356, 33.5952

■ 235.2440,
-70.6193, 17.3260

■ 134.4610,
-66.2893, 28.5367

■ 239.6100,
-58.9677, 13.4970

■ 110.5280,
-54.4903, 24.0929

■ 242.9160,
-46.3006, 10.5977

■ 87.7690, -43.2701,
18.6196

■ 246.2220,
-33.6334, 7.6983

■ 65.8960, -32.4867,
13.2462

■ 249.5280,
-20.9663, 4.7989

■ 45.2080, -22.2875,
8.5876

■ 252.9480, -7.8624,

■ 25.4060, -12.5252,

1.7996

4.0289

■ 0.0000, 0.0000,
0.0000

■ 186.1340,
-80.4251, 35.8395

■ 186.1340,
-80.4251, 35.8395

■ 181.7510,
-89.6032, 39.6834

■ 190.5170,
-71.2469, 31.9956

■ 195.3730,
-62.7949, 27.7369

■ 199.7560,
-53.6167, 23.8930

■ 204.1390,
-44.4385, 20.0491

■ 208.9950,
-35.9865, 15.7904

■ 213.3780,
-26.8084, 11.9465

■ 217.7610,
-17.6302, 8.1026

■ 222.7310, -8.7414,
3.7439

■ 227.0000, 0.0000,
0.0000

Harmonies

Analogous

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



182.4020, -59.8512, 63.6684



186.1340, -80.4251, 35.8395



179.4220, -57.3960, -24.0491

Triad

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



186.1340, -80.4251, 35.8395



164.6670, 44.5342, -144.4130



188.6690, 32.7012, 58.1723

Complementary

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



186.1340, -80.4251, 35.8395



63.8660, 80.4251, -35.8395

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.



194.2860, 29.9320, 12.9042



186.1340, -80.4251, 35.8395



159.3840, 47.1387, -139.7798

Square

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



186.1340, -80.4251, 35.8395



159.4400, 21.9681, -139.8289



148.8180, 52.3477, -130.5134



172.2090, 10.2500, 72.6077

Rectangle

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



186.1340, -80.4251, 35.8395



167.6660, -30.8943, -77.7601



148.8180, 52.3477, -130.5134



195.1260, 29.5179, 52.5095

Sweetspot

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



186.1340, -80.4251, 35.8395



241.2640, -27.2452, 12.0465



87.5300, -16.5303, 122.3152



119.8040, -16.1724, 7.1879



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.



186.1340, -80.4251, 35.8395



204.2110, -100.6760, 44.5420



182.5150, -78.6409, -23.2537



112.4580, -4.6628, 2.2293



142.7450, -70.3733, 31.7956



41.0770, -20.2510, 8.7025

Inverse Universe

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



63.8660, 80.4251, -35.8395



50.7890, 100.6760, -44.5420



67.4850, 78.6409, 23.2537



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 186.1340, -80.4251, 35.8395 looks on a white background.

Color Contrast Check

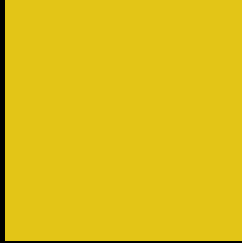
Large Text (above 18pt) WCAG AA × Fail

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 186.1340, -80.4251, 35.8395 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 186.1340, -80.4251, 35.8395

Background



This preview shows how black text looks on a background with the YUV color 186.1340, -80.4251, 35.8395.

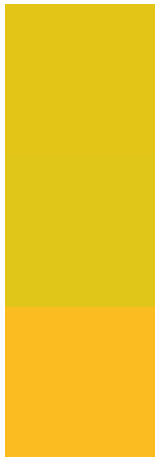


This preview shows how white text looks on a background with the YUV color 186.1340, -80.4251, 35.8395.

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

186.1340, -80.4251, 35.8395

Protanopia

185.6390, -79.6880, 32.7656

Deuteranopia

188.7540, -77.2797, 53.7127



Tritanopia

201.0410, -1.9922, 32.4130

Trichromacy



Original Color

186.1340, -80.4251, 35.8395

Protanomaly

185.9380, -79.8354, 33.3804

Deuteranomaly

187.7810, -78.2790, 47.5501

Tritanomaly

195.5980, -30.3678, 33.6786

Monochromacy



Original Color

186.1340, -80.4251, 35.8395

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.1070, -29.1398, 13.0612

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.1340, -80.4251, 35.8395 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(227, 197, 23)` looks like.

```
.text, #text, p{  
    color:rgb(227, 197, 23)  
}
```

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(227, 197, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 197, 23) }
```

Border

The CSS property to change the border of an element to YUV 186.1340, -80.4251, 35.8395 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(227, 197, 23) }
```


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

```
.border{ border-color:rgb(227, 197, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 197, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 197, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 197, 23);  
box-shadow:4px 4px 4px 4px rgb(227, 197,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 186.1340, -80.4251, 35.8395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 197, 23) }
```

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

```
.background{ background-color: rgb(227,  
197, 23) }
```

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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