

Converting Colors

YUV(181.0980, -65.6173,
46.3951)

Have a look what the booklet for
YUV(181.0980, -65.6173, 46.3951)
contains.

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Color

**YUV(181.0980, -65.6173,
46.3951)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB430
RGB	234, 180, 48
RGB Percent	92%, 71%, 19%
CMY	0.0824, 0.2941, 0.8118
CMYK	0.00, 0.23, 0.79, 0.08
HSL	43°, 82%, 55%
HSV	43°, 79%, 92%
XYZ	50.7864, 50.3483, 9.8378
YIQ	181.0980, 74.5560, -29.6040

Conversions

Conversions Part 2

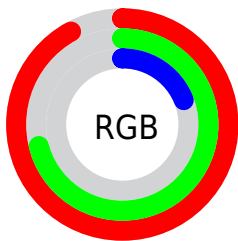
Format	Color
RYB	124, 234, 48
Decimal	15381552
CIELab	76.28, 7.96, 69.36
CIElCh	76, 69.819, 83.451
Yxy	50.3483, 0.4576, 0.4537
Android (android.graphics.Color)	4293571632 (0xFFEAB430)
YUV	181.0980, -65.6173, 46.3951
Hunter-Lab	70.9566, 3.5856, 41.4493

Details

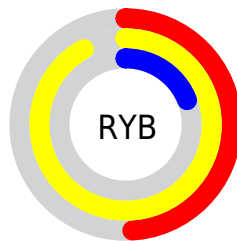
The YUV color **181.0980, -65.6173, 46.3951** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **100.9020, 65.6173, -46.3951**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.7470, -60.0213, 24.7779**, and **126.8630, -62.5435, 40.4621** is the 20% darker color. If you saturate the color by 10%, you get **174.3670, -73.6379, 52.2981**, and if you desaturate by 10%, it is **187.8290, -57.5967, 40.4920**.

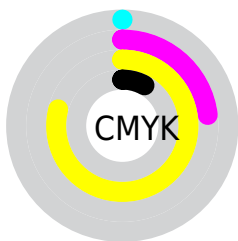
Distribution



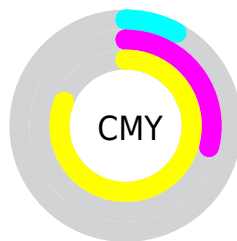
- Red (92%)
- Green (71%)
- Blue (19%)



- Red (49%)
- Yellow (92%)
- Blue (19%)



- Cyan (0%)
- Magenta (23%)
- Yellow (79%)
- Black (8%)



- Cyan (8%)
- Magenta (29%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.0980, -65.6173, 46.3951 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 181.0980, -65.6173, 46.3951 by changing the saturation by 10% instead.

■ 181.0980,
-65.6173, 46.3951

■ 181.0980,
-65.6173, 46.3951

■ 255.0000, 0.0000,
0.0000

■ 151.6050,
-71.2903, 45.9504

■ 226.7470,
-60.0213, 24.7779

■ 126.8630,
-62.5435, 40.4621

■ 241.0920,
-53.2894, 12.1973

■ 103.5170,
-51.0339, 35.5036

■ 244.2840,
-41.0590, 9.3979

■ 80.7580, -39.8137,
30.0302

■ 247.4760,
-28.8287, 6.5985

■ 58.8850, -29.0303,
24.6569

■ 250.7820,
-16.1615, 3.6992

■ 38.4850, -18.9731,
18.8687

■ 254.0880, -3.4944,

■ 19.2700, -9.5001,

0.7998

13.7952

■ 0.0000, 0.0000,
0.0000

■ 181.0980,
-65.6173, 46.3951

■ 181.0980,
-65.6173, 46.3951

■ 174.3670,
-73.6379, 52.2981

■ 187.8290,
-57.5967, 40.4920

■ 167.5220,
-82.0953, 58.3012

■ 194.6740,
-49.1393, 34.4889

■ 167.4080,
-82.5321, 58.4012

■ 200.8180,
-40.8293, 29.1006

■ 207.6630,
-32.3719, 23.0975

■ 214.3940,
-24.3512, 17.1945

■ 221.1250,
-16.3306, 11.2914

■ 227.9700, -7.8732,
5.2883

■ 234.1140, 0.4368,
-0.1000

■ 240.5030, 7.1470,
-5.7031

Harmonies

Analogous

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



176.9200, -45.3166, 68.4762



181.0980, -65.6173, 46.3951



175.7390, -58.0453, -2.4021

Triad

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



181.0980, -65.6173, 46.3951



155.6850, 40.5813, -136.5357



192.1800, 30.9703, 53.3391

Complementary

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



181.0980, -65.6173, 46.3951



100.9020, 65.6173, -46.3951

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.



182.0050, 35.9865, -15.7904



181.0980, -65.6173, 46.3951



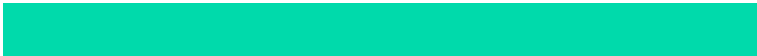
154.1010, 49.7432, -135.1466

Square

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



181.0980, -65.6173, 46.3951



147.4600, 11.6052, -129.3224



146.4700, 53.5053, -128.4542



175.3380, 14.6234, 69.8636

Rectangle

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



181.0980, -65.6173, 46.3951



169.3070, -39.5914, -41.4882



146.4700, 53.5053, -128.4542



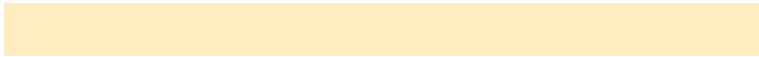
190.2870, 31.9035, 33.9513

Sweetspot

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



181.0980, -65.6173, 46.3951



237.4800, -21.4356, 15.3650



109.9980, -2.9570, 108.7498



117.3250, -12.9782, 9.3620



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.



181.0980, -65.6173, 46.3951



186.3220, -85.4477, 60.2306



201.7330, -75.7904, -4.1508



113.9850, -3.9366, 2.6442



129.2550, -63.7227, 45.3804



38.4520, -18.9568, 13.6356

Inverse Universe

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



100.9020, 65.6173, -46.3951



81.6780, 85.4477, -60.2306



80.2670, 75.7904, 4.1508



109.0150, 3.9366, -2.6442



51.7450, 63.7227, -45.3804



15.5480, 18.9568, -13.6356

Previews

White Background



This preview shows how the YUV color 181.0980, -65.6173, 46.3951 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 181.0980, -65.6173, 46.3951 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 181.0980, -65.6173, 46.3951 Background



This preview shows how black text looks on a background with the YUV color 181.0980, -65.6173, 46.3951.



This preview shows how white text looks on a background with the YUV color 181.0980, -65.6173,

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

181.0980, -65.6173, 46.3951

Protanopia

180.0310, -64.1053, 28.0368

Deuteranopia

181.5220, -65.3333, 48.6542



Tritanopia

191.6080, -5.2297, 44.1938

Trichromacy



Original Color

181.0980, -65.6173, 46.3951

Protanomaly

180.5480, -64.8532, 34.5994

Deuteranomaly

181.2230, -65.1859, 48.0394

Tritanomaly

187.5870, -26.9114, 45.0892

Monochromacy



Original Color

181.0980, -65.6173, 46.3951

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.2090, -23.7670, 16.4797

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.0980, -65.6173, 46.3951 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(234, 180, 48)` looks like.

```
.text, #text, p{  
    color:rgb(234, 180, 48)  
}
```

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(234, 180, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 180, 48) }
```

Border

The CSS property to change the border of an element to YUV 181.0980, -65.6173, 46.3951 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(234, 180, 48) }
```


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

```
.border{ border-color:rgb(234, 180, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 180, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 180, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 180, 48);  
box-shadow:4px 4px 4px 4px rgb(234, 180,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 181.0980, -65.6173, 46.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 180, 48) }
```

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

```
.background{ background-color: rgb(234,  
180, 48) }
```

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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