

Converting Colors

YUV(181.6100, -52.0657,
39.8070)

Have a look what the booklet for
YUV(181.6100, -52.0657, 39.8070)
contains.

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Color

**YUV(181.6100, -52.0657,
39.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B34C
RGB	227, 179, 76
RGB Percent	89%, 70%, 30%
CMY	0.1098, 0.2980, 0.7020
CMYK	0.00, 0.21, 0.67, 0.11
HSL	41°, 73%, 59%
HSV	41°, 67%, 89%
XYZ	49.1032, 49.0929, 13.7253
YIQ	181.6100, 61.6710, -21.8570

Conversions

Conversions Part 2

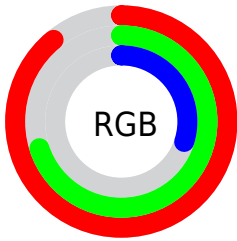
Format	Color
RYB	146, 227, 76
Decimal	14922572
CIELab	75.51, 6.76, 57.49
CIELCh	76, 57.890, 83.290
Yxy	49.0929, 0.4387, 0.4386
Android (android.graphics.Color)	4293112652 (0xFFE3B34C)
YUV	181.6100, -52.0657, 39.8070
Hunter-Lab	70.0663, 2.4785, 37.4321

Details

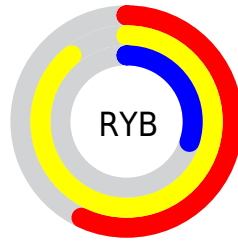
The YUV color **181.6100, -52.0657, 39.8070** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **121.3900, 52.0657, -39.8070**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.8960, -49.2487, 22.8932**, and **126.9470, -53.2179, 36.0035** is the 20% darker color. If you saturate the color by 10%, you get **174.8790, -60.0863, 45.7101**, and if you desaturate by 10%, it is **188.3410, -44.0451, 33.9039**.

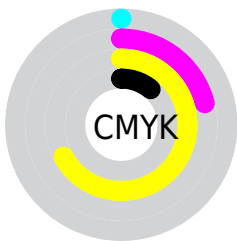
Distribution



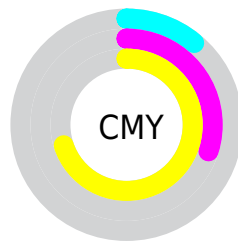
- Red (89%)
- Green (70%)
- Blue (30%)



- Red (57%)
- Yellow (89%)
- Blue (30%)



- Cyan (0%)
- Magenta (21%)
- Yellow (67%)
- Black (11%)



- Cyan (11%)
- Magenta (30%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.6100, -52.0657, 39.8070 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 181.6100, -52.0657, 39.8070 by changing the saturation by 10% instead.

181.6100,
-52.0657, 39.8070

181.6100,
-52.0657, 39.8070

255.0000, 0.0000,
0.0000

153.7130,
-51.6235, 37.9627

228.8960,
-49.2487, 22.8932

126.9470,
-53.2179, 36.0035

243.7140,
-43.2430, 9.8978

101.4350,
-50.0075, 32.9445

246.9060,
-31.0127, 7.0984

78.9750, -38.9347,
28.0859

250.2120,
-18.3455, 4.1991

57.1020, -28.1513,
22.7125

253.4040, -6.1152,
1.3997

37.0010, -18.2415,
17.5391

17.7860, -8.7685,

12.4657

■ 0.0000, 0.0000,
0.0000

■ 181.6100,
-52.0657, 39.8070

■ 181.6100,
-52.0657, 39.8070

■ 174.8790,
-60.0863, 45.7101

■ 188.3410,
-44.0451, 33.9039

■ 168.2620,
-67.6702, 51.5132

■ 194.9580,
-36.4613, 28.1008

■ 160.9440,
-75.4014, 57.9311

■ 202.2760,
-28.7301, 21.6829

■ 158.8580,
-78.3170, 59.7605

■ 209.0070,
-20.7095, 15.7799

■ 215.7380,
-12.6888, 9.8768

■ 222.3550, -5.1050,
4.0737

■ 229.6730, 2.6262,
-2.3442

■ 236.0620, 9.3364,
-7.9474

■ 240.1710, 7.3107,
-11.5510

Harmonies

Analogous

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



181.2060, -39.0486, 64.7173



181.6100, -52.0657, 39.8070



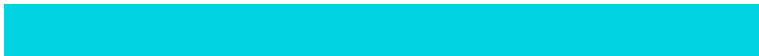
177.1380, -46.4100, -0.9980

Triad

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



181.6100, -52.0657, 39.8070



150.3220, 37.8023, -131.8324



191.3590, 29.4030, 42.6582

Complementary

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



181.6100, -52.0657, 39.8070



121.3900, 52.0657, -39.8070

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.



183.5000, 35.2495, -12.7165



181.6100, -52.0657, 39.8070



150.5790, 51.4796, -132.0578

Square

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



181.6100, -52.0657, 39.8070



144.0520, 13.7784, -126.3336



147.4220, 53.0360, -117.8881



181.8120, 8.9667, 64.1859

Rectangle

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



181.6100, -52.0657, 39.8070



172.0830, -33.0719, -32.5218



147.4220, 53.0360, -117.8881



189.9440, 32.0726, 26.3591

Sweetspot

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



181.6100, -52.0657, 39.8070



239.7940, -17.6464, 13.3357



126.8490, -0.4186, 87.8324



118.5960, -10.6468, 8.2473



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.



181.6100, -52.0657, 39.8070



193.5890, -70.2964, 53.8574



202.3110, -62.2713, -0.2727



111.2840, -4.0840, 3.2589



125.1350, -61.6916, 47.2396



35.7940, -17.6464, 13.3357

Inverse Universe

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



121.3900, 52.0657, -39.8070



112.4110, 70.2964, -53.8574



100.6890, 62.2713, 0.2727



106.7160, 4.0840, -3.2589



53.8650, 61.6916, -47.2396



15.2060, 17.6464, -13.3357

Previews

White Background



This preview shows how the YUV color 181.6100, -52.0657, 39.8070 looks on a white background.

Color Contrast Check

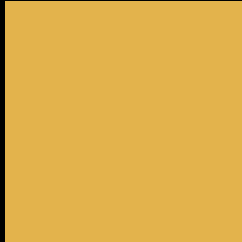
Large Text (above 18pt) WCAG AA × Fail

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 181.6100, -52.0657, 39.8070 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 181.6100, -52.0657, 39.8070

Background



This preview shows how black text looks on a background with the YUV color 181.6100, -52.0657, 39.8070.



This preview shows how white text looks on a background with the YUV color 181.6100, -52.0657, 39.8070.

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

181.6100, -52.0657, 39.8070

Protanopia

180.5540, -50.5591, 23.1931

Deuteranopia

181.7460, -51.6398, 43.1958



Tritanopia

189.5150, -4.1979, 39.8903

Trichromacy



Original Color

181.6100, -52.0657, 39.8070

Protanomaly

180.7720, -51.1596, 29.1410

Deuteranomaly

182.0340, -51.7818, 42.0662

Tritanomaly

186.6340, -21.5116, 39.7860

Monochromacy



Original Color

181.6100, -52.0657, 39.8070

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.7510, -19.1042, 14.2504

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.6100, -52.0657, 39.8070 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, 179, 76)` looks like.

```
.text, #text, p{  
    color:rgb(227, 179, 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(227, 179, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 179, 76) }
```

Border

The CSS property to change the border of an element to YUV 181.6100, -52.0657, 39.8070 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, 179, 76) }
```


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

```
.border{ border-color:rgb(227, 179, 76) }
```

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

Here you see how a box with a 4 pixel rgb(227, 179, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 179, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 179, 76);  
box-shadow:4px 4px 4px 4px rgb(227, 179,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 181.6100, -52.0657, 39.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 179, 76) }
```

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

```
.background{ background-color: rgb(227,  
179, 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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