

Converting Colors

YUV(180.3250, -63.2642,
38.3030)

Have a look what the booklet for
YUV(180.3250, -63.2642, 38.3030)
contains.

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Color

**YUV(180.3250, -63.2642,
38.3030)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B734
RGB	224, 183, 52
RGB Percent	88%, 72%, 20%
CMY	0.1216, 0.2824, 0.7961
CMYK	0.00, 0.18, 0.77, 0.12
HSL	46°, 74%, 54%
HSV	46°, 77%, 88%
XYZ	48.2938, 49.9622, 10.3471
YIQ	180.3250, 66.4870, -32.0490

Conversions

Conversions Part 2

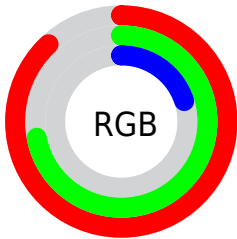
Format	Color
RYB	106, 224, 52
Decimal	14726964
CIELab	76.05, 2.23, 67.43
CIELCh	76, 67.469, 88.104
Yxy	49.9622, 0.4447, 0.4600
Android (android.graphics.Color)	4292917044 (0xFFE0B734)
YUV	180.3250, -63.2642, 38.3030
Hunter-Lab	70.6839, -1.7393, 40.7995

Details

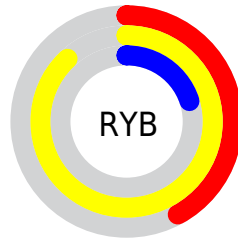
The YUV color **180.3250, -63.2642, 38.3030** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **95.6750, 63.2642, -38.3030**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.8500, -59.5790, 22.9336**, and **125.3460, -61.7956, 33.8996** is the 20% darker color. If you saturate the color by 10%, you get **174.8820, -71.4268, 43.0765**, and if you desaturate by 10%, it is **185.7680, -55.1016, 33.5295**.

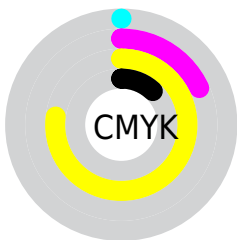
Distribution



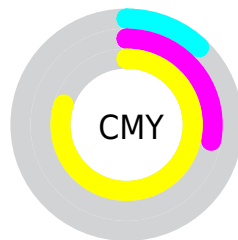
- Red (88%)
- Green (72%)
- Blue (20%)



- Red (42%)
- Yellow (88%)
- Blue (20%)



- Cyan (0%)
- Magenta (18%)
- Yellow (77%)
- Black (12%)



- Cyan (12%)
- Magenta (28%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3250, -63.2642, 38.3030 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 180.3250, -63.2642, 38.3030 by changing the saturation by 10% instead.

■ 180.3250,
-63.2642, 38.3030

■ 180.3250,
-63.2642, 38.3030

■ 255.0000, 0.0000,
0.0000

■ 151.4020,
-66.7532, 37.3584

■ 228.8500,
-59.5790, 22.9336

■ 125.3460,
-61.7956, 33.8996

■ 241.4340,
-51.9790, 11.8974

■ 102.5870,
-50.5754, 28.4262

■ 244.6260,
-39.7486, 9.0980

■ 80.1270, -39.5026,
23.5676

■ 247.8180,
-27.5183, 6.2986

■ 58.2540, -28.7192,
18.1942

■ 251.1240,
-14.8511, 3.3993

■ 38.1530, -18.8094,
13.0208

■ 254.4300, -2.1840,

■ 19.2370, -9.4838,

0.4999

8.5622

■ 0.0000, 0.0000,
0.0000

■ 180.3250,
-63.2642, 38.3030

■ 180.3250,
-63.2642, 38.3030

■ 174.8820,
-71.4268, 43.0765

■ 185.7680,
-55.1016, 33.5295

■ 168.7380,
-79.7368, 48.4648

■ 191.9120,
-46.7916, 28.1412

■ 167.3530,
-82.5050, 49.6794

■ 197.3550,
-38.6290, 23.3677

■ 202.9120,
-30.0296, 18.4942

■ 208.9420,
-22.1564, 13.2059

■ 214.3850,
-13.9938, 8.4324

■ 219.9420, -5.3944,
3.5589

■ 225.9720, 2.4788,
-1.7294

■ 231.5290, 11.0782,
-6.6029

Harmonies

Analogous

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



178.8120, -48.2213, 66.8169



180.3250, -63.2642, 38.3030



174.2910, -51.9085, -10.7792

Triad

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



180.3250, -63.2642, 38.3030



155.1950, 43.7809, -136.1060



190.9030, 31.1068, 56.2131

Complementary

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



180.3250, -63.2642, 38.3030



95.6750, 63.2642, -38.3030

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.



185.0390, 34.4908, -2.6652



180.3250, -63.2642, 38.3030



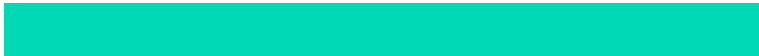
152.3400, 50.6114, -133.6022

Square

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



180.3250, -63.2642, 38.3030



148.0130, 16.2626, -129.8074



144.1220, 54.6629, -126.3950



174.6710, 9.5292, 70.4485

Rectangle

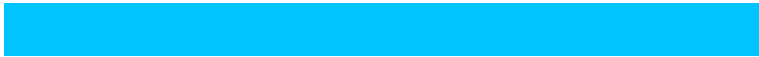
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



180.3250, -63.2642, 38.3030



167.2720, -33.1651, -49.3505



144.1220, 54.6629, -126.3950



191.2170, 31.4450, 41.0287

Sweetspot

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



180.3250, -63.2642, 38.3030



240.0560, -21.7196, 13.1059



108.3300, -6.5717, 101.4426



118.6130, -13.1202, 8.2324



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.



180.3250, -63.2642, 38.3030



195.3380, -86.4416, 52.3236



191.5350, -68.7908, -9.2392



109.5720, -4.2260, 2.1294



131.2820, -64.7220, 39.2177



36.0710, -17.7830, 10.4617

Inverse Universe

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



95.6750, 63.2642, -38.3030



79.6620, 86.4416, -52.3236



84.4650, 68.7908, 9.2392



104.0150, 3.9366, -2.6442



44.7180, 64.7220, -39.2177



12.5160, 17.4936, -10.9765

Previews

White Background



This preview shows how the YUV color 180.3250, -63.2642, 38.3030 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 180.3250, -63.2642, 38.3030 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 180.3250, -63.2642, 38.3030

Background



This preview shows how black text looks on a background with the YUV color 180.3250, -63.2642, 38.3030.



This preview shows how white text looks on a background with the YUV color 180.3250, -63.2642, 38.3030.

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

180.3250, -63.2642, 38.3030

Protanopia

179.4870, -62.3581, 27.6369

Deuteranopia

180.9070, -62.5652, 47.4396



Tritanopia

191.0200, -3.4609, 36.8165

Trichromacy



Original Color

180.3250, -63.2642, 38.3030

Protanomaly

179.8080, -62.5163, 31.7404

Deuteranomaly

180.7710, -62.9911, 44.0508

Tritanomaly

186.9990, -25.1425, 37.7119

Monochromacy



Original Color

180.3250, -63.2642, 38.3030

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.0130, -23.1774, 14.0206

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3250, -63.2642, 38.3030 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(224, 183, 52)` looks like.

```
.text, #text, p{  
    color:rgb(224, 183, 52)  
}
```

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(224, 183, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 183, 52) }
```

Border

The CSS property to change the border of an element to YUV 180.3250, -63.2642, 38.3030 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(224, 183, 52) }
```


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

```
.border{ border-color:rgb(224, 183, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 183, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 183, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 183, 52);  
box-shadow:4px 4px 4px 4px rgb(224, 183,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 180.3250, -63.2642, 38.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 183, 52) }
```

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

```
.background{ background-color: rgb(224,  
183, 52) }
```

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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