

Converting Colors

YUV(178.9250, -53.2070,
32.5148)

Have a look what the booklet for
YUV(178.9250, -53.2070, 32.5148)
contains.

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Color

**YUV(178.9250, -53.2070,
32.5148)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B547
RGB	216, 181, 71
RGB Percent	85%, 71%, 28%
CMY	0.1529, 0.2902, 0.7216
CMYK	0.00, 0.16, 0.67, 0.15
HSL	46°, 65%, 56%
HSV	46°, 67%, 85%
XYZ	45.9801, 48.1016, 12.8224
YIQ	178.9250, 56.1700, -26.7900

Conversions

Conversions Part 2

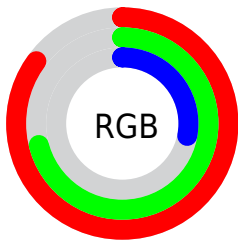
Format	Color
RYB	117, 216, 71
Decimal	14202183
CIELab	74.89, 0.74, 58.67
CIELCh	75, 58.678, 89.274
Yxy	48.1016, 0.4301, 0.4500
Android (android.graphics.Color)	4292392263 (0xFFD8B547)
YUV	178.9250, -53.2070, 32.5148
Hunter-Lab	69.3553, -3.0327, 37.5872

Details

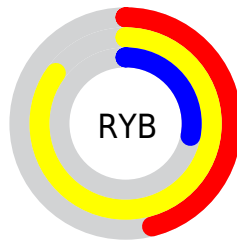
The YUV color **178.9250, -53.2070, 32.5148** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **108.0750, 53.2070, -32.5148**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.5000, -52.0115, 22.3635**, and **123.8770, -57.1274, 29.9259** is the 20% darker color. If you saturate the color by 10%, you get **173.4820, -61.3696, 37.2883**, and if you desaturate by 10%, it is **184.3680, -45.0444, 27.7413**.

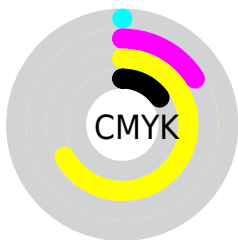
Distribution



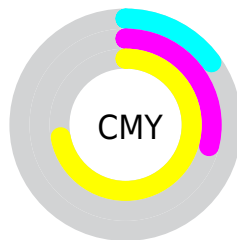
- Red (85%)
- Green (71%)
- Blue (28%)



- Red (46%)
- Yellow (85%)
- Blue (28%)



- Cyan (0%)
- Magenta (16%)
- Yellow (67%)
- Black (15%)



- Cyan (15%)
- Magenta (29%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.9250, -53.2070, 32.5148 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 178.9250, -53.2070, 32.5148 by changing the saturation by 10% instead.

■ 178.9250,
-53.2070, 32.5148

■ 178.9250,
-53.2070, 32.5148

■ 255.0000, 0.0000,
0.0000

■ 151.3270,
-52.9122, 31.2852

■ 229.5000,
-52.0115, 22.3635

■ 123.8770,
-57.1274, 29.9259

■ 243.2580,
-44.9902, 10.2977

■ 99.6190, -49.1122,
25.7671

■ 246.3360,
-33.1966, 7.5983

■ 77.4580, -38.1868,
21.5233

■ 249.6420,
-20.5295, 4.6990

■ 55.5850, -27.4034,
16.1500

■ 252.9480, -7.8624,
1.7996

■ 35.4840, -17.4936,
10.9765

■ 16.5680, -8.1680,

6.5179

■ 0.0000, 0.0000,
0.0000

■ 178.9250,
-53.2070, 32.5148

■ 178.9250,
-53.2070, 32.5148

■ 173.4820,
-61.3696, 37.2883

■ 184.3680,
-45.0444, 27.7413

■ 168.1530,
-69.0954, 41.9618

■ 189.6970,
-37.3186, 23.0677

■ 162.1230,
-76.9686, 47.2501

■ 195.7270,
-29.4454, 17.7794

■ 160.8520,
-79.3000, 48.3648

■ 201.0560,
-21.7196, 13.1059

■ 206.4990,
-13.5570, 8.3324

■ 211.9420, -5.3944,
3.5589

■ 217.2710, 2.3314,
-1.1147

■ 223.3010, 10.2046,
-6.4030

■ 227.4900, 13.5624,
-10.0767

Harmonies

Analogous

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



181.2400, -43.9953, 64.6875



178.9250, -53.2070, 32.5148



173.7670, -43.7621, -10.3197

Triad

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



178.9250, -53.2070, 32.5148



150.1740, 42.3122, -131.7026



189.2740, 25.0079, 52.3797

Complementary

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



178.9250, -53.2070, 32.5148



108.0750, 53.2070, -32.5148

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.



184.7620, 34.6273, 0.2087



178.9250, -53.2070, 32.5148



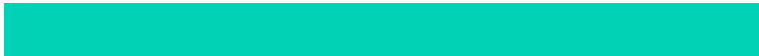
148.8180, 52.3477, -130.5134

Square

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



178.9250, -53.2070, 32.5148



144.4910, 17.9989, -126.7186



161.2200, 46.2335, -82.6309



178.0960, 4.8827, 67.4448

Rectangle

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



178.9250, -53.2070, 32.5148



167.6840, -27.9452, -43.5729



161.2200, 46.2335, -82.6309



189.7110, 32.1875, 36.2105

Sweetspot

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



178.9250, -53.2070, 32.5148



242.1420, -18.8040, 11.2765



118.4590, -5.6493, 85.5435



119.7700, -11.2256, 7.2177



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.



178.9250, -53.2070, 32.5148



202.0520, -75.9476, 46.4354



188.7060, -58.0291, -7.6352



104.5720, -4.2260, 2.1294



127.4390, -62.8274, 38.2030



32.2280, -15.8884, 9.4470

Inverse Universe

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



108.0750, 53.2070, -32.5148



100.9480, 75.9476, -46.4354



98.2940, 58.0291, 7.6352



99.0150, 3.9366, -2.6442



43.5610, 62.8274, -38.2030



10.7720, 15.8884, -9.4470

Previews

White Background



This preview shows how the YUV color 178.9250, -53.2070, 32.5148 looks on a white background.

Color Contrast Check

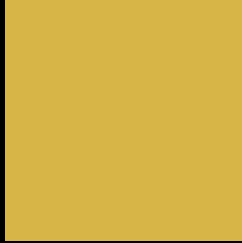
Large Text (above 18pt) WCAG AA × Fail

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 178.9250, -53.2070, 32.5148 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 178.9250, -53.2070, 32.5148

Background



This preview shows how black text looks on a background with the YUV color 178.9250, -53.2070, 32.5148.



This preview shows how white text looks on a background with the YUV color 178.9250, -53.2070,

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

178.9250, -53.2070, 32.5148

Protanopia

178.3970, -52.4537, 24.2078

Deuteranopia

179.8170, -52.6608, 44.0105



Tritanopia

187.9270, -2.4290, 32.5130

Trichromacy



Original Color

178.9250, -53.2070, 32.5148

Protanomaly

179.0060, -52.7540, 27.1817

Deuteranomaly

179.3820, -52.9393, 40.0070

Tritanomaly

184.7040, -21.0531, 32.7086

Monochromacy



Original Color

178.9250, -53.2070, 32.5148

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.0280, -19.2408, 11.3764

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.9250, -53.2070, 32.5148 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(216, 181, 71)` looks like.

```
.text, #text, p{  
    color:rgb(216, 181, 71)  
}
```

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(216, 181, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 181, 71) }
```

Border

The CSS property to change the border of an element to YUV 178.9250, -53.2070, 32.5148 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(216, 181, 71) }
```


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

```
.border{ border-color:rgb(216, 181, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 181, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 181, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 181, 71);  
box-shadow:4px 4px 4px 4px rgb(216, 181,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 178.9250, -53.2070, 32.5148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 181, 71) }
```

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

```
.background{ background-color: rgb(216,  
181, 71) }
```

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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