

Converting Colors

YUV(174.1870, -57.2802,
32.2850)

Have a look what the booklet for
YUV(174.1870, -57.2802, 32.2850)
contains.

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Color

**YUV(174.1870, -57.2802,
32.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B23A
RGB	211, 178, 58
RGB Percent	83%, 70%, 23%
CMY	0.1725, 0.3020, 0.7725
CMYK	0.00, 0.16, 0.73, 0.17
HSL	47°, 63%, 53%
HSV	47°, 73%, 83%
XYZ	43.5481, 45.9952, 10.5857
YIQ	174.1870, 58.1880, -30.3240

Conversions

Conversions Part 2

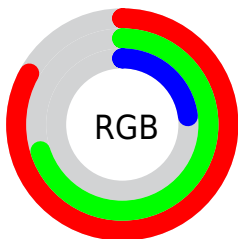
Format	Color
RYB	100, 211, 58
Decimal	13873722
CIELab	73.54, -0.50, 62.42
CIELCh	74, 62.422, 90.457
Yxy	45.9952, 0.4349, 0.4594
Android (android.graphics.Color)	4292063802 (0xFFD3B23A)
YUV	174.1870, -57.2802, 32.2850
Hunter-Lab	67.8197, -4.0670, 38.2195

Details

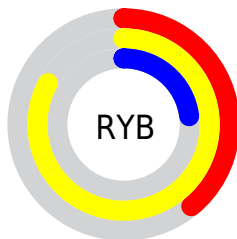
The YUV color **174.1870, -57.2802, 32.2850** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **94.8130, 57.2802, -32.2850**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.7840, -56.0955, 25.6224**, and **119.4100, -58.8691, 28.5814** is the 20% darker color. If you saturate the color by 10%, you get **168.8580, -65.0060, 36.9585**, and if you desaturate by 10%, it is **179.5160, -49.5544, 27.6115**.

Distribution



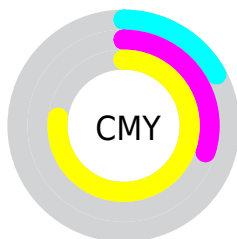
- Red (83%)
- Green (70%)
- Blue (23%)



- Red (39%)
- Yellow (83%)
- Blue (23%)



- Cyan (0%)
- Magenta (16%)
- Yellow (73%)
- Black (17%)



- Cyan (17%)
- Magenta (30%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.1870, -57.2802, 32.2850 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 174.1870, -57.2802, 32.2850 by changing the saturation by 10% instead.

■ 174.1870,
-57.2802, 32.2850

■ 174.1870,
-57.2802, 32.2850

■ 255.0000, 0.0000,
0.0000

■ 145.8340,
-58.5852, 30.8406

■ 225.7840,
-56.0955, 25.6224

■ 119.4100,
-58.8691, 28.5814

■ 241.8900,
-50.2318, 11.4975

■ 96.3630, -47.5070,
24.2376

■ 245.0820,
-38.0014, 8.6981

■ 74.2020, -36.5816,
19.9938

■ 248.2740,
-25.7711, 5.8987

■ 52.9160, -26.0876,
14.1057

■ 251.5800,
-13.1039, 2.9993

■ 33.1140, -16.3252,
9.5470

254.8860, -0.4368,

■ 12.7140, -6.2680,

0.1000

3.7588

■ 0.0000, 0.0000,
0.0000

■ 174.1870,
-57.2802, 32.2850

■ 174.1870,
-57.2802, 32.2850

■ 168.8580,
-65.0060, 36.9585

■ 179.5160,
-49.5544, 27.6115

■ 164.1160,
-73.0212, 41.1173

■ 184.2580,
-41.5392, 23.4527

■ 159.9440,
-78.8524, 44.7761

■ 189.5870,
-33.8134, 18.7792

■ 194.3290,
-25.7982, 14.6205

■ 199.6580,
-18.0724, 9.9469

■ 204.5140, -9.6204,
5.6882

■ 209.8430, -1.8946,
1.0147

■ 214.5850, 6.1206,
-3.1440

■ 219.9140, 13.8464,
-7.8176

Harmonies

Analogous

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



177.5240, -48.0793, 67.9465



174.1870, -57.2802, 32.2850



168.2890, -45.4985, -13.4085

Triad

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



174.1870, -57.2802, 32.2850



149.1140, 43.3278, -130.7730



185.5350, 25.8652, 57.4128

Complementary

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



174.1870, -57.2802, 32.2850



94.8130, 57.2802, -32.2850

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.



180.6420, 36.6585, 2.0680



174.1870, -57.2802, 32.2850



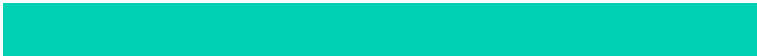
147.0570, 53.2159, -128.9690

Square

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



174.1870, -57.2802, 32.2850



143.2030, 18.1409, -125.5890



151.3970, 51.0763, -95.9412



172.7160, 4.5770, 72.1631

Rectangle

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



174.1870, -57.2802, 32.2850



161.2380, -28.2183, -49.3207



151.3970, 51.0763, -95.9412



186.0860, 33.4816, 41.1436

Sweetspot

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



174.1870, -57.2802, 32.2850



241.5720, -20.9880, 11.7764



107.5090, -8.1389, 90.7616



119.4280, -12.5360, 7.5176



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.



174.1870, -57.2802, 32.2850



201.5160, -83.0784, 46.9055



180.7010, -60.4916, -11.1388



101.9850, -3.9366, 2.6442



127.7160, -62.9640, 35.3291



31.0430, -15.3042, 8.7323

Inverse Universe

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



94.8130, 57.2802, -32.2850



86.4840, 83.0784, -46.9055



88.2990, 60.4916, 11.1388



96.4280, 4.2260, -2.1294



40.2840, 62.9640, -35.3291



9.9570, 15.3042, -8.7323

Previews

White Background



This preview shows how the YUV color 174.1870, -57.2802, 32.2850 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 174.1870, -57.2802, 32.2850 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 174.1870, -57.2802, 32.2850

Background



This preview shows how black text looks on a background with the YUV color 174.1870, -57.2802, 32.2850.



This preview shows how white text looks on a background with the YUV color 174.1870, -57.2802, 32.2850.

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

174.1870, -57.2802, 32.2850

Protanopia

173.3710, -56.3849, 25.1076

Deuteranopia

175.3780, -56.8814, 44.3955



Tritanopia

183.6280, -2.2816, 31.8982

Trichromacy



Original Color

174.1870, -57.2802, 32.2850

Protanomaly

173.6810, -56.5377, 27.4668

Deuteranomaly

174.9430, -57.1599, 40.3920

Tritanomaly

180.0630, -22.2161, 32.3937

Monochromacy



Original Color

174.1870, -57.2802, 32.2850

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.6860, -20.5512, 11.6764

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1870, -57.2802, 32.2850 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(211, 178, 58)` looks like.

```
.text, #text, p{  
    color:rgb(211, 178, 58)  
}
```

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(211, 178, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 178, 58) }
```

Border

The CSS property to change the border of an element to YUV 174.1870, -57.2802, 32.2850 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(211, 178, 58) }
```


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

```
.border{ border-color:rgb(211, 178, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 178, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 178, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 178, 58);  
box-shadow:4px 4px 4px 4px rgb(211, 178,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 174.1870, -57.2802, 32.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 178, 58) }
```

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

```
.background{ background-color: rgb(211,  
178, 58) }
```

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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