

# Converting Colors

YUV(172.3780, -56.8814,  
44.3955)

Have a look what the booklet for  
YUV(172.3780, -56.8814, 44.3955)  
contains.

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# Color

**YUV(172.3780, -56.8814,  
44.3955)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | DFA939                      |
| RGB         | 223, 169, 57                |
| RGB Percent | 87%, 66%, 22%               |
| CMY         | 0.1255, 0.3373, 0.7765      |
| CMYK        | 0.00, 0.24, 0.74, 0.13      |
| HSL         | 40°, 72%, 55%               |
| HSV         | 40°, 74%, 87%               |
| XYZ         | 45.3579, 44.3593, 10.0425   |
| YIQ         | 172.3780, 68.1360, -23.3840 |

# Conversions

## Conversions Part 2

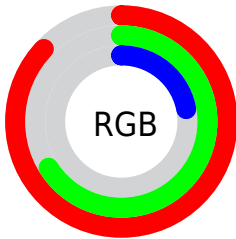
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">137, 223, 57</a>                                 |
| Decimal                             | <a href="#">14657849</a>                                     |
| CIELab                              | <a href="#">72.47, 9.40, 62.17</a>                           |
| CIELCh                              | <a href="#">72, 62.875, 81.401</a>                           |
| Yxy                                 | <a href="#">44.3593, 0.4547, 0.4447</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4292847929</a><br>( <a href="#">0xFFDFA939</a> ) |
| YUV                                 | <a href="#">172.3780, -56.8814, 44.3955</a>                  |
| Hunter-Lab                          | <a href="#">66.6028, 5.0074, 37.6821</a>                     |

# Details

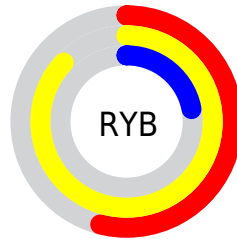
The YUV color **172.3780, -56.8814, 44.3955** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **107.6220, 56.8814, -44.3955**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3870, -53.9278, 30.3556**, and **117.4160, -57.8861, 39.9772** is the 20% darker color. If you saturate the color by 10%, you get **165.7610, -64.4652, 50.1986**, and if you desaturate by 10%, it is **178.9950, -49.2975, 38.5924**.

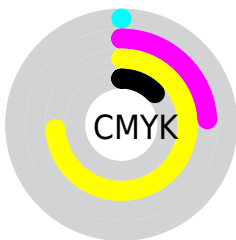
# Distribution



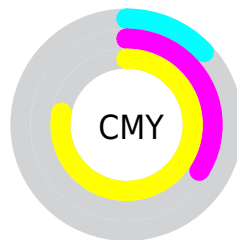
- Red (87%)
- Green (66%)
- Blue (22%)



- Red (54%)
- Yellow (87%)
- Blue (22%)



- Cyan (0%)
- Magenta (24%)
- Yellow (74%)
- Black (13%)



- Cyan (13%)
- Magenta (34%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 172.3780, -56.8814, 44.3955 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 172.3780, -56.8814, 44.3955 by changing the saturation by 10% instead.



172.3780,  
-56.8814, 44.3955

172.3780,  
-56.8814, 44.3955

255.0000, 0.0000,  
0.0000

144.7260,  
-58.0389, 42.3363

220.3870,  
-53.9278, 30.3556

117.4160,  
-57.8861, 39.9772

240.4880,  
-50.5266, 12.7270

94.6570, -46.6659,  
34.5038

244.8540,  
-38.8750, 8.8980

72.1970, -35.5931,  
29.6452

248.0460,  
-26.6447, 6.0987

50.9110, -25.0991,  
23.7571

251.3520,  
-13.9775, 3.1993

31.3970, -15.4787,  
18.0688

254.6580, -1.3104,

8.9590, -4.4168,

0.2999

16.6990

■ 0.0000, 0.0000,  
0.0000

■ 172.3780,  
-56.8814, 44.3955

■ 172.3780,  
-56.8814, 44.3955

■ 165.7610,  
-64.4652, 50.1986

■ 178.9950,  
-49.2975, 38.5924

■ 158.4430,  
-72.1964, 56.6165

■ 186.3130,  
-41.5663, 32.1745

■ 154.7270,  
-76.2804, 59.8754

■ 192.9300,  
-33.9825, 26.3714

■ 199.5470,  
-26.3987, 20.5683

■ 206.2780,  
-18.3781, 14.6652

■ 213.4820,  
-11.0836, 8.3473

■ 220.0990, -3.4998,  
2.5442

■ 226.7160, 4.0840,  
-3.2589

■ 233.1050, 10.7942,  
-8.8621

# Harmonies

## Analogous

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



172.6800, -41.2542, 72.1946



172.3780, -56.8814, 44.3955



167.3680, -51.9464, 1.4313

# Triad

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



172.3780, -56.8814, 44.3955



145.7740, 35.6074, -127.8438



182.9830, 33.0394, 42.9879

# Complementary

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



172.3780, -56.8814, 44.3955



107.6220, 56.8814, -44.3955

# 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.



173.4220, 40.2180, -19.6641



172.3780, -56.8814, 44.3955



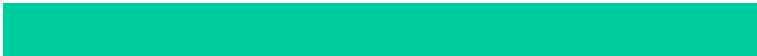
147.0570, 53.2159, -128.9690

# Square

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



172.3780, -56.8814, 44.3955



138.4610, 10.1257, -121.4303



140.0130, 56.6886, -122.7914



173.2520, 11.7078, 71.6930



# Rectangle

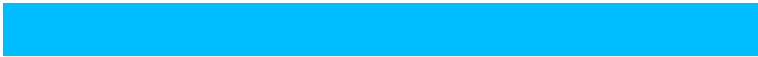
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



172.3780, -56.8814, 44.3955



162.3450, -37.1451, -32.7516



140.0130, 56.6886, -122.7914



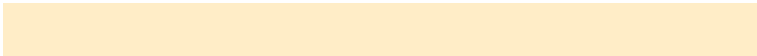
181.6710, 36.1512, 24.8445

# Sweetspot

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



172.3780, -56.8814, 44.3955



238.0500, -19.2516, 14.8652



112.9040, -0.4457, 96.5542



117.6670, -11.6678, 9.0620



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.



172.3780, -56.8814, 44.3955



185.6840, -77.7382, 60.7901



195.7040, -68.3811, -0.6174



108.9850, -3.9366, 2.6442



122.4770, -60.3812, 46.9397



33.7230, -16.6254, 12.5209



# Inverse Universe

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



107.6220, 56.8814, -44.3955



97.3160, 77.7382, -60.7901



84.2960, 68.3811, 0.6174



104.6020, 3.6472, -3.1590



53.5230, 60.3812, -46.9397



14.8640, 16.3360, -13.0357



# Previews

## White Background



This preview shows how the YUV color 172.3780, -56.8814, 44.3955 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 172.3780, -56.8814, 44.3955 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 172.3780, -56.8814, 44.3955

## Background



This preview shows how black text looks on a background with the YUV color 172.3780, -56.8814, 44.3955.



This preview shows how white text looks on a background with the YUV color 172.3780, -56.8814,



# 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

172.3780, -56.8814, 44.3955

### Protanopia

170.7130, -55.0745, 24.8077

### Deuteranopia

172.3780, -56.8814, 44.3955



## Tritanopia

181.1950, -5.5191, 43.6790

# Trichromacy



## Original Color

172.3780, -56.8814, 44.3955

## Protanomaly

171.5290, -55.9698, 31.9851

## Deuteranomaly

172.3780, -56.8814, 44.3955

## Tritanomaly

177.9720, -24.1432, 43.8746

# Monochromacy



## Original Color

172.3780, -56.8814, 44.3955

## Achromatopsia

172.0000, 0.0000, 0.0000

## Achromatomaly

172.3060, -20.8569, 16.3946

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 172.3780, -56.8814, 44.3955 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(223, 169, 57)` looks like.

```
.text, #text, p{  
    color:rgb(223, 169, 57)  
}
```

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(223, 169, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 169, 57) }
```

## Border

The CSS property to change the border of an element to YUV 172.3780, -56.8814, 44.3955 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(223, 169, 57) }
```



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

```
.border{ border-color:rgb(223, 169, 57) }
```

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

Here you see how a box with a 4 pixel rgb(223, 169, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 169, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 169, 57);  
box-shadow:4px 4px 4px 4px rgb(223, 169,  
57) }
```

# Background

The CSS property to change the background color of an element to YUV 172.3780, -56.8814, 44.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 169, 57) }
```

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

```
.background{ background-color: rgb(223,  
169, 57) }
```

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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