

Converting Colors

YUV(168.8940, -52.6987,
56.2210)

Have a look what the booklet for
YUV(168.8940, -52.6987, 56.2210)
contains.

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Color

**YUV(168.8940, -52.6987,
56.2210)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E99D3E |
| RGB | 233, 157, 62 |
| RGB Percent | 91%, 62%, 24% |
| CMY | 0.0863, 0.3843, 0.7569 |
| CMYK | 0.00, 0.33, 0.73, 0.09 |
| HSL | 33°, 80%, 58% |
| HSV | 33°, 73%, 91% |
| XYZ | 46.5307, 41.7854, 10.1704 |
| YIQ | 168.8940, 75.7910, -13.4330 |

Conversions

Conversions Part 2

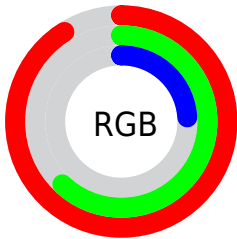
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 199, 233, 62 |
| Decimal | 15310142 |
| CIE Lab | 70.72, 20.26, 58.78 |
| CIE LCh | 71, 62.172, 70.979 |
| Yxy | 41.7854, 0.4725, 0.4243 |
| Android (android.graphics.Color) | 4293500222 (0xFFE99D3E) |
| YUV | 168.8940, -52.6987, 56.2210 |
| Hunter-Lab | 64.6416, 15.3662, 35.9207 |

Details

The YUV color **168.8940, -52.6987, 56.2210** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **126.1060, 52.6987, -56.2210**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7990, -48.7079, 36.1333**, and **113.6500, -56.0294, 51.1730** is the 20% darker color. If you saturate the color by 10%, you get **160.4020, -59.8512, 63.6684**, and if you desaturate by 10%, it is **177.3860, -45.5463, 48.7735**.

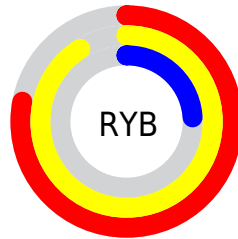
Distribution



Red (91%)

Green (62%)

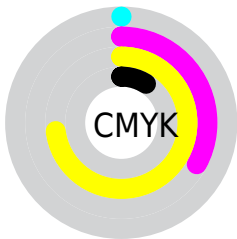
Blue (24%)



Red (78%)

Yellow (91%)

Blue (24%)

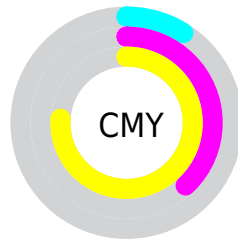


Cyan (0%)

Magenta (33%)

Yellow (73%)

Black (9%)



Cyan (9%)

Magenta (38%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.8940, -52.6987, 56.2210 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 168.8940, -52.6987, 56.2210 by changing the saturation by 10% instead.

168.8940,
-52.6987, 56.2210

168.8940,
-52.6987, 56.2210

255.0000, 0.0000,
0.0000

141.2850,
-52.3985, 53.2471

213.7990,
-48.7079, 36.1333

113.6500,
-56.0294, 51.1730

233.3130,
-45.0173, 19.0195

90.3040, -44.5199,
46.2144

245.1960,
-37.5646, 8.5981

68.1320, -33.5891,
40.2262

248.3880,
-25.3343, 5.7987

46.5470, -22.9477,
33.7233

251.6940,
-12.6671, 2.8994

26.1470, -12.8905,
27.9351

10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,
0.0000

■ 168.8940,
-52.6987, 56.2210

■ 168.8940,
-52.6987, 56.2210

■ 160.4020,
-59.8512, 63.6684

■ 177.3860,
-45.5463, 48.7735

■ 151.2090,
-67.1510, 71.7307

■ 186.5790,
-38.2464, 40.7112

■ 145.3900,
-71.6773, 76.8340

■ 195.0710,
-31.0940, 33.2637

■ 203.5630,
-23.9416, 25.8162

■ 212.7560,
-16.6417, 17.7540

■ 221.2480, -9.4893,
10.3065

■ 229.7400, -2.3368,
2.8590

■ 238.8190, 4.5262,
-5.1033

■ 245.4870, 4.6899,
-10.9511

Harmonies

Analogous

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



167.0040, -32.5400, 77.1725



168.8940, -52.6987, 56.2210



164.8430, -55.6316, 16.8007

Triad

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



168.8940, -52.6987, 56.2210



139.9890, 26.1344, -122.7704



177.2300, 38.3406, 22.6003

Complementary

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



168.8940, -52.6987, 56.2210



126.1060, 52.6987, -56.2210

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.



161.1300, 46.2779, -50.1030



168.8940, -52.6987, 56.2210



144.2700, 50.1529, -126.5248

Square

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



168.8940, -52.6987, 56.2210



131.5020, 1.2315, -115.3273



140.0130, 56.6886, -122.7914



175.4350, 17.5335, 69.7785

Rectangle

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



168.8940, -52.6987, 56.2210



160.9900, -45.3511, -14.0232



140.0130, 56.6886, -122.7914



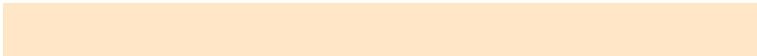
174.1520, 39.8581, 2.4977

Sweetspot

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



168.8940, -52.6987, 56.2210



233.9410, -17.2259, 18.4687



121.9070, 8.4268, 97.4286



115.3190, -10.5103, 11.1212



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.



168.8940, -52.6987, 56.2210



170.7640, -68.9037, 73.8750



210.8150, -73.3658, 11.5632



112.8110, -3.3578, 3.6738



113.4060, -55.9092, 59.2799



33.7560, -16.6417, 17.7540

Inverse Universe

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



126.1060, 52.6987, -56.2210



114.6490, 69.1930, -73.3602



84.1850, 73.3658, -11.5632



110.1890, 3.3578, -3.6738



67.5940, 55.9092, -59.2799



20.2440, 16.6417, -17.7540

Previews

White Background



This preview shows how the YUV color 168.8940, -52.6987, 56.2210 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 168.8940, -52.6987, 56.2210 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 168.8940, -52.6987, 56.2210

Background



This preview shows how black text looks on a background with the YUV color 168.8940, -52.6987, 56.2210.



This preview shows how white text looks on a background with the YUV color 168.8940, -52.6987, 56.2210.

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

168.8940, -52.6987, 56.2210

Protanopia

167.4830, -49.5381, 22.3784

Deuteranopia

168.5780, -53.5290, 42.4661



Tritanopia

175.7620, -8.7567, 55.4597

Trichromacy



Original Color

168.8940, -52.6987, 56.2210

Protanomaly

168.2180, -50.8865, 34.8888

Deuteranomaly

168.7250, -53.1084, 47.5992

Tritanomaly

173.5220, -24.9073, 55.6702

Monochromacy



Original Color

168.8940, -52.6987, 56.2210

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.0830, -19.2679, 20.0982

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8940, -52.6987, 56.2210 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(233, 157, 62)` looks like.

```
.text, #text, p{  
    color:rgb(233, 157, 62)  
}
```

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(233, 157, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 157, 62) }
```

Border

The CSS property to change the border of an element to YUV 168.8940, -52.6987, 56.2210 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(233, 157, 62) }
```


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

```
.border{ border-color:rgb(233, 157, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 157, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 157, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 157, 62);  
box-shadow:4px 4px 4px 4px rgb(233, 157,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 168.8940, -52.6987, 56.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 157, 62) }
```

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

```
.background{ background-color: rgb(233,  
157, 62) }
```

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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