

Converting Colors

YUV(140.8310, -60.5557,
56.2762)

Have a look what the booklet for
YUV(140.8310, -60.5557, 56.2762)
contains.

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Color

**YUV(140.8310, -60.5557,
56.2762)**

Conversions

Conversions Part 1

Format	Color
Hex	CD8412
RGB	205, 132, 18
RGB Percent	80%, 52%, 7%
CMY	0.1961, 0.4824, 0.9294
CMYK	0.00, 0.36, 0.91, 0.20
HSL	37°, 84%, 44%
HSV	37°, 91%, 80%
XYZ	33.5373, 29.5253, 4.5036
YIQ	140.8310, 80.1020, -19.9780

Conversions

Conversions Part 2

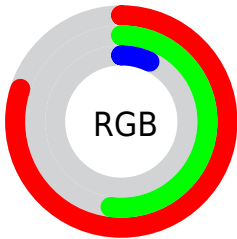
Format	Color
R _Y B	138, 205, 18
Decimal	13468690
CIE Lab	61.24, 20.38, 64.01
CIE LCh	61, 67.175, 72.342
Yxy	29.5253, 0.4964, 0.4370
Android (android.graphics.Color)	4291658770 (0xFFCD8412)
YUV	140.8310, -60.5557, 56.2762
Hunter-Lab	54.3372, 15.0812, 33.1219

Details

The YUV color **140.8310, -60.5557, 56.2762** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **82.1690, 60.5557, -56.2762**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7320, -57.0559, 53.7320**, and **91.4890, -45.1041, 46.9291** is the 20% darker color. If you saturate the color by 10%, you get **134.6700, -66.3923, 61.6794**, and if you desaturate by 10%, it is **147.9210, -53.6981, 50.0583**.

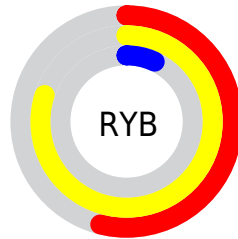
Distribution



Red (80%)

Green (52%)

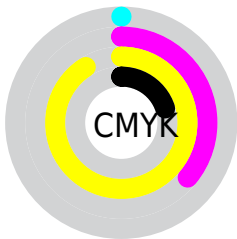
Blue (7%)



Red (54%)

Yellow (80%)

Blue (7%)

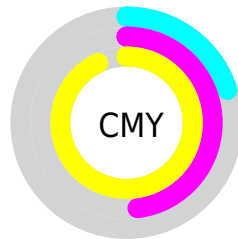


Cyan (0%)

Magenta (36%)

Yellow (91%)

Black (20%)



Cyan (20%)

Magenta (48%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.8310, -60.5557, 56.2762 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 140.8310, -60.5557, 56.2762 by changing the saturation by 10% instead.


 140.8310,
-60.5557, 56.2762


 140.8310,
-60.5557, 56.2762


255.0000, 0.0000,
0.0000


 115.1340,
-56.7611, 52.5025


 193.7320,
-57.0559, 53.7320

 91.4890, -45.1041,
46.9291


 213.2460,
-53.3653, 36.6183

 69.3170, -34.1733,
40.9410


 232.7600,
-49.6747, 19.5045

 47.7320, -23.5319,
34.4380

 244.0560,
-41.9326, 9.5979

 27.3320, -13.4747,
28.6498

 247.2480,
-29.7023, 6.7985

 11.0630, -5.4541,
22.7467

 250.5540,

 0.0000, 0.0000,

-17.0351, 3.8991

0.0000

253.8600, -4.3680,
0.9998

140.8310,
-60.5557, 56.2762

140.8310,
-60.5557, 56.2762

134.6700,
-66.3923, 61.6794

147.9210,
-53.6981, 50.0583

154.8970,
-47.2772, 43.9403

161.9870,
-40.4196, 37.7224

168.9630,
-33.9988, 31.6044

176.0530,
-27.1411, 25.3865

■ 183.0290,
-20.7203, 19.2686

■ 190.1190,
-13.8627, 13.0506

■ 197.0950, -7.4418,
6.9327

■ 204.1850, -0.5842,
0.7148

Harmonies

Analogous

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



142.2610, -35.6247, 86.5941



140.8310, -60.5557, 56.2762



135.8570, -66.9775, 15.9114

Triad

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



140.8310, -60.5557, 56.2762



122.2190, 24.0490, -107.1861



152.0500, 41.3873, 25.3891

Complementary

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



140.8310, -60.5557, 56.2762



82.1690, 60.5557, -56.2762

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.



132.7120, 60.2880, -63.7684



140.8310, -60.5557, 56.2762



127.4290, 49.0885, -111.7552

Square

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



140.8310, -60.5557, 56.2762



114.0910, -2.0169, -100.0578



125.3380, 63.9234, -109.9214



147.4190, 18.5274, 77.6855

Rectangle

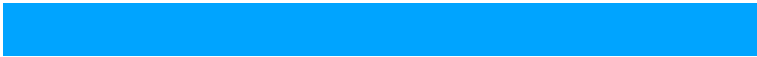
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



140.8310, -60.5557, 56.2762



132.3440, -48.9766, -17.8417



125.3380, 63.9234, -109.9214



150.4430, 48.5886, 2.2425

Sweetspot

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



140.8310, -60.5557, 56.2762



231.2850, -22.3255, 20.7981



82.4630, 5.1947, 107.4649



113.9340, -13.2785, 12.3359



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.



140.8310, -60.5557, 56.2762



167.2300, -82.4444, 76.9743



178.0010, -78.8805, 7.0151



98.5120, -3.2104, 3.0590



108.9210, -53.6981, 50.0583



24.8630, -12.2575, 11.5211

Inverse Universe

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



82.1690, 60.5557, -56.2762



87.7700, 82.4444, -76.9743



44.9990, 78.8805, -7.0151



95.4880, 3.2104, -3.0590



57.0790, 53.6981, -50.0583



13.1370, 12.2575, -11.5211

Previews

White Background



This preview shows how the YUV color 140.8310, -60.5557, 56.2762 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 140.8310, -60.5557, 56.2762 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 140.8310, -60.5557, 56.2762

Background



This preview shows how black text looks on a background with the YUV color 140.8310, -60.5557, 56.2762.



This preview shows how white text looks on a background with the YUV color 140.8310, -60.5557, 56.2762.

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

140.8310, -60.5557, 56.2762

Protanopia

140.0180, -57.6899, 23.6632

Deuteranopia

138.9790, -68.5166, 42.9914



Tritanopia

150.0390, -8.8932, 52.5858

Trichromacy



Original Color

140.8310, -60.5557, 56.2762

Protanomaly

140.4540, -58.8908, 35.5588

Deuteranomaly

139.8100, -65.4753, 47.5246

Tritanomaly

146.5280, -27.3753, 53.9109

Monochromacy



Original Color

140.8310, -60.5557, 56.2762

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.9860, -22.1781, 20.1833

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8310, -60.5557, 56.2762 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(205, 132, 18)` looks like.

```
.text, #text, p{  
    color:rgb(205, 132, 18)  
}
```

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(205, 132, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 132, 18) }
```

Border

The CSS property to change the border of an element to YUV 140.8310, -60.5557, 56.2762 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(205, 132, 18) }
```


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

```
.border{ border-color:rgb(205, 132, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 132, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 132, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 132, 18);  
box-shadow:4px 4px 4px 4px rgb(205, 132,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 140.8310, -60.5557, 56.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 132, 18) }
```

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

```
.background{ background-color: rgb(205,  
132, 18) }
```

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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