

Converting Colors

YUV(156.1820, -56.2917,
41.9364)

Have a look what the booklet for
YUV(156.1820, -56.2917, 41.9364)
contains.

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Color

**YUV(156.1820, -56.2917,
41.9364)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9A2A
RGB	204, 154, 42
RGB Percent	80%, 60%, 16%
CMY	0.2000, 0.3961, 0.8353
CMYK	0.00, 0.25, 0.79, 0.20
HSL	41°, 66%, 48%
HSV	41°, 79%, 80%
XYZ	36.8754, 36.1157, 7.2180
YIQ	156.1820, 65.7520, -24.2320

Conversions

Conversions Part 2

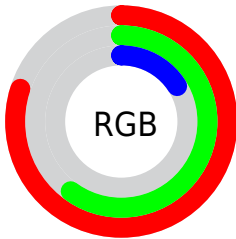
Format	Color
RYB	114, 204, 42
Decimal	13408810
CIELab	66.61, 8.60, 61.48
CIELCh	67, 62.083, 82.036
Yxy	36.1157, 0.4597, 0.4503
Android (android.graphics.Color)	4291598890 (0xFFCC9A2A)
YUV	156.1820, -56.2917, 41.9364
Hunter-Lab	60.0964, 4.3596, 34.9463

Details

The YUV color **156.1820, -56.2917, 41.9364** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **89.8180, 56.2917, -41.9364**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3990, -55.4127, 39.9921**, and **103.8160, -51.1813, 36.1184** is the 20% darker color. If you saturate the color by 10%, you get **150.3800, -63.2913, 47.0247**, and if you desaturate by 10%, it is **161.9840, -49.2921, 36.8480**.

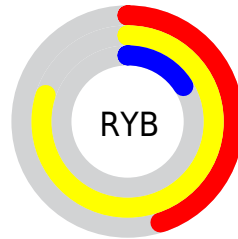
Distribution



Red (80%)

Green (60%)

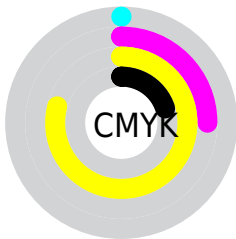
Blue (16%)



Red (45%)

Yellow (80%)

Blue (16%)

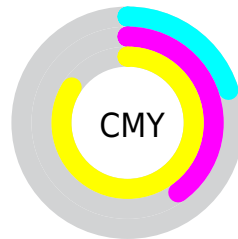


Cyan (0%)

Magenta (25%)

Yellow (79%)

Black (20%)



Cyan (20%)

Magenta (40%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.1820, -56.2917, 41.9364 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 156.1820, -56.2917, 41.9364 by changing the saturation by 10% instead.

■ 156.1820,
-56.2917, 41.9364

■ 156.1820,
-56.2917, 41.9364

■ 255.0000, 0.0000,
0.0000

■ 127.6180,
-60.9437, 40.6770

■ 209.3990,
-55.4127, 39.9921

■ 103.8160,
-51.1813, 36.1184

■ 228.9130,
-51.7221, 22.8783

■ 81.3560, -40.1085,
31.2598

■ 243.1440,
-45.4270, 10.3977

■ 60.0700, -29.6145,
25.3716

■ 246.3360,
-33.1966, 7.5983

■ 39.0830, -19.2679,
20.0982

■ 249.5280,
-20.9663, 4.7989

■ 19.8680, -9.7949,
15.0248

■ 252.8340, -8.2992,

■ 0.0000, 0.0000,

1.8996

0.0000

■ 156.1820,
-56.2917, 41.9364

■ 156.1820,
-56.2917, 41.9364

■ 150.3800,
-63.2913, 47.0247

■ 161.9840,
-49.2921, 36.8480

■ 143.8770,
-70.4384, 52.7279

■ 168.4870,
-42.1451, 31.1449

■ 143.7630,
-70.8752, 52.8278

■ 174.2890,
-35.1455, 26.0565

■ 180.2050,
-27.7091, 20.8682

■ 186.0070,
-20.7095, 15.7799

■ 192.3960,
-13.9992, 10.1767

■ 198.3120, -6.5628,
4.9884

■ 204.1140, 0.4368,
-0.1000

■ 210.6170, 7.5838,
-5.8031

Harmonies

Analogous

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



158.6910, -41.2597, 73.9390



156.1820, -56.2917, 41.9364



150.9980, -50.7780, 0.0018

Triad

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



156.1820, -56.2917, 41.9364



133.9710, 33.5383, -117.4926



166.3420, 31.8764, 42.6731

Complementary

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



156.1820, -56.2917, 41.9364



89.8180, 56.2917, -41.9364

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.



159.5450, 47.0593, -20.6490



156.1820, -56.2917, 41.9364



136.3940, 55.5148, -119.6175

Square

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



156.1820, -56.2917, 41.9364



126.8860, 8.9302, -111.2790



130.6210, 61.3188, -114.5546



162.3950, 8.1863, 81.2146

Rectangle

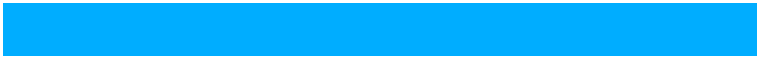
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



156.1820, -56.2917, 41.9364



145.8010, -35.3979, -33.1515



130.6210, 61.3188, -114.5546



166.3550, 38.7720, 24.2447

Sweetspot

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



156.1820, -56.2917, 41.9364



236.8930, -21.1462, 15.8798



96.2520, -1.6032, 94.4950



116.7380, -12.6888, 9.8768



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.



156.1820, -56.2917, 41.9364



183.3870, -84.0008, 62.8046



176.5620, -66.3391, -2.2469



99.0990, -3.4998, 2.5442



117.1390, -57.7495, 42.8511



26.6240, -13.1256, 9.9768

Inverse Universe

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



89.8180, 56.2917, -41.9364



84.6130, 84.0008, -62.8046



69.4380, 66.3391, 2.2469



94.9010, 3.4998, -2.5442



48.8610, 57.7495, -42.8511



11.3760, 13.1256, -9.9768

Previews

White Background



This preview shows how the YUV color 156.1820, -56.2917, 41.9364 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 156.1820, -56.2917, 41.9364 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 156.1820, -56.2917, 41.9364 Background



This preview shows how black text looks on a background with the YUV color 156.1820, -56.2917, 41.9364.



This preview shows how white text looks on a background with the YUV color 156.1820, -56.2917, 41.9364.

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

156.1820, -56.2917, 41.9364

Protanopia

155.1150, -54.7797, 23.5781

Deuteranopia

156.1820, -56.2917, 41.9364



Tritanopia

165.2870, -5.0715, 40.0903

Trichromacy



Original Color

156.1820, -56.2917, 41.9364

Protanomaly

155.6320, -55.5276, 30.1407

Deuteranomaly

156.1820, -56.2917, 41.9364

Tritanomaly

162.0640, -23.6956, 40.2859

Monochromacy



Original Color

156.1820, -56.2917, 41.9364

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.8220, -20.1252, 15.0651

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.1820, -56.2917, 41.9364 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(204, 154, 42)` looks like.

```
.text, #text, p{  
    color:rgb(204, 154, 42)  
}
```

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(204, 154, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 154, 42) }
```

Border

The CSS property to change the border of an element to YUV 156.1820, -56.2917, 41.9364 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(204, 154, 42) }
```


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

```
.border{ border-color:rgb(204, 154, 42) }
```

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

Here you see how a box with a 4 pixel rgb(204, 154, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 154, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 154, 42);  
box-shadow:4px 4px 4px 4px rgb(204, 154,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 156.1820, -56.2917, 41.9364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 154, 42) }
```

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

```
.background{ background-color: rgb(204,  
154, 42) }
```

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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