

Converting Colors

YUV(158.3660, -58.8474,
21.6040)

Have a look what the booklet for
YUV(158.3660, -58.8474, 21.6040)
contains.

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Color

**YUV(158.3660, -58.8474,
21.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A927
RGB	183, 169, 39
RGB Percent	72%, 66%, 15%
CMY	0.2824, 0.3373, 0.8471
CMYK	0.00, 0.08, 0.79, 0.28
HSL	54°, 65%, 44%
HSV	54°, 79%, 72%
XYZ	34.0826, 38.5897, 7.5717
YIQ	158.3660, 50.0740, -37.4620

Conversions

Conversions Part 2

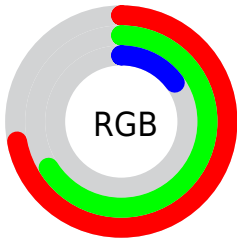
Format	Color
RYB	55, 183, 39
Decimal	12036391
CIELab	68.45, -8.80, 63.36
CIELCh	68, 63.972, 97.905
Yxy	38.5897, 0.4247, 0.4809
Android (android.graphics.Color)	4290226471 (0xFFB7A927)
YUV	158.3660, -58.8474, 21.6040
Hunter-Lab	62.1206, -10.7766, 36.2578

Details

The YUV color **158.3660, -58.8474, 21.6040** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **63.6340, 58.8474, -21.6040**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.7900, -58.5635, 23.8632**, and **106.3530, -52.4320, 17.2304** is the 20% darker color. If you saturate the color by 10%, you get **155.1400, -66.1310, 24.4332**, and if you desaturate by 10%, it is **161.5920, -51.5639, 18.7748**.

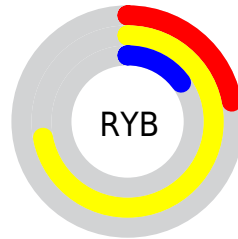
Distribution



Red (72%)

Green (66%)

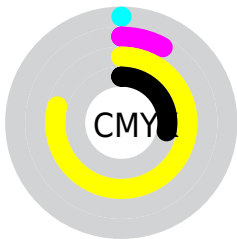
Blue (15%)



Red (22%)

Yellow (72%)

Blue (15%)

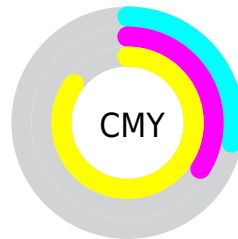


Cyan (0%)

Magenta (8%)

Yellow (79%)

Black (28%)



Cyan (28%)

Magenta (34%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.3660, -58.8474, 21.6040 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 158.3660, -58.8474, 21.6040 by changing the saturation by 10% instead.

■ 158.3660,
-58.8474, 21.6040

■ 158.3660,
-58.8474, 21.6040

■ 255.0000, 0.0000,
0.0000

■ 129.9870,
-64.0836, 21.0594

■ 214.7900,
-58.5635, 23.8632

■ 106.3530,
-52.4320, 17.2304

■ 238.1910,
-56.7892, 14.7415

■ 84.1920, -41.5067,
12.9866

■ 243.1440,
-45.4270, 10.3977

■ 62.6180, -30.8707,
8.2280

■ 246.3360,
-33.1966, 7.5983

■ 41.9300, -20.6715,
3.5694

■ 249.5280,
-20.9663, 4.7989

■ 22.1280, -10.9091,
-0.9893

■ 252.8340, -8.2992,

■ 0.0000, 0.0000,

1.8996

0.0000

■ 158.3660,
-58.8474, 21.6040

■ 158.3660,
-58.8474, 21.6040

■ 155.1400,
-66.1310, 24.4332

■ 161.5920,
-51.5639, 18.7748

■ 151.8000,
-73.8514, 27.3624

■ 164.9320,
-43.8435, 15.8456

■ 151.5720,
-74.7250, 27.5624

■ 167.5710,
-36.2705, 13.5312

■ 170.7970,
-28.9869, 10.7020

■ 174.1370,
-21.2665, 7.7729

■ 177.3630,
-13.9830, 4.9436

■ 180.0020, -6.4100,
2.6292

■ 183.2280, 0.8736,
-0.2000

■ 186.5680, 8.5940,
-3.1291

Harmonies

Analogous

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



162.5140, -53.0044, 60.9392



158.3660, -58.8474, 21.6040



152.0530, -40.9451, -27.2335

Triad

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



158.3660, -58.8474, 21.6040



140.3090, 47.6687, -123.0510



169.6460, 20.8805, 69.5935

Complementary

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



158.3660, -58.8474, 21.6040



63.6340, 58.8474, -21.6040

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.



170.6960, 41.5619, 16.0526



158.3660, -58.8474, 21.6040



137.6650, 57.8462, -120.7322

Square

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



158.3660, -58.8474, 21.6040



135.0990, 22.6292, -118.4818



149.2140, 52.1525, -67.7167



159.5450, -2.7337, 83.7140

Rectangle

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



158.3660, -58.8474, 21.6040



141.0980, -19.2753, -71.1229



149.2140, 52.1525, -67.7167



170.9090, 28.6389, 54.4538

Sweetspot

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



158.3660, -58.8474, 21.6040



227.5670, -23.4505, 8.2727



83.6520, -15.1114, 87.1282



113.6620, -14.1304, 5.5584



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



158.3660, -58.8474, 21.6040



198.6640, -91.0394, 33.6207



149.2420, -54.3493, -21.2602



90.3870, -3.6418, 1.4146



128.8240, -63.5102, 23.8334



23.0470, -11.3622, 4.3438

Inverse Universe

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



63.6340, 58.8474, -21.6040



52.3360, 91.0394, -33.6207



72.7580, 54.3493, 21.2602



84.6130, 3.6418, -1.4146



26.5890, 63.7996, -23.3186



4.9530, 11.3622, -4.3438

Previews

White Background



This preview shows how the YUV color 158.3660, -58.8474, 21.6040 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 158.3660, -58.8474, 21.6040 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 158.3660, -58.8474, 21.6040

Background



This preview shows how black text looks on a background with the YUV color 158.3660, -58.8474, 21.6040.



This preview shows how white text looks on a background with the YUV color 158.3660, -58.8474,

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

158.3660, -58.8474, 21.6040

Protanopia

158.6870, -59.0057, 25.7075

Deuteranopia

160.5520, -57.4601, 43.3659



Tritanopia

169.2460, 0.3717, 20.8323

Trichromacy



Original Color

158.3660, -58.8474, 21.6040

Protanomaly

158.6760, -59.0003, 23.9631

Deuteranomaly

159.6820, -58.0172, 35.3589

Tritanomaly

164.9260, -21.1625, 21.1129

Monochromacy



Original Color

158.3660, -58.8474, 21.6040

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.1370, -21.2665, 7.7729

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.3660, -58.8474, 21.6040 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(183, 169, 39)` looks like.

```
.text, #text, p{  
    color:rgb(183, 169, 39)  
}
```

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(183, 169, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 169, 39) }
```

Border

The CSS property to change the border of an element to YUV 158.3660, -58.8474, 21.6040 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(183, 169, 39) }
```


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

```
.border{ border-color:rgb(183, 169, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 169, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 169, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 169, 39);  
box-shadow:4px 4px 4px 4px rgb(183, 169,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 158.3660, -58.8474, 21.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 169, 39) }
```

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

```
.background{ background-color: rgb(183,  
169, 39) }
```

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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