

Converting Colors

YUV(89.8850, -15.7193, 1.8549)

Have a look what the booklet for
YUV(89.8850, -15.7193, 1.8549)
contains.

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Color

**YUV(89.8850, -15.7193,
1.8549)**

Conversions

Conversions Part 1

Format	Color
Hex	5C5F3A
RGB	92, 95, 58
RGB Percent	36%, 37%, 23%
CMY	0.6392, 0.6275, 0.7725
CMYK	0.03, 0.00, 0.39, 0.63
HSL	65°, 24%, 30%
HSV	65°, 39%, 37%
XYZ	9.2696, 10.7652, 5.5923
YIQ	89.8850, 10.0890, -12.1430

Conversions

Conversions Part 2

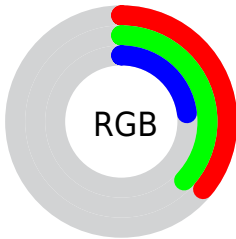
Format	Color
RYB	58, 95, 61
Decimal	6053690
CIELab	39.18, -7.70, 20.80
CIELCh	39, 22.180, 110.327
Yxy	10.7652, 0.3617, 0.4201
Android (android.graphics.Color)	4284243770 (0xFF5C5F3A)
YUV	89.8850, -15.7193, 1.8549
Hunter-Lab	32.8104, -6.9885, 12.8617

Details

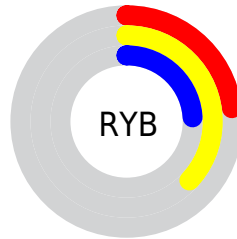
The YUV color **89.8850, -15.7193, 1.8549** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **63.1150, 15.7193, -1.8549**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9560, -16.7403, 2.6696**, and **43.9280, -14.2615, 0.9401** is the 20% darker color. If you saturate the color by 10%, you get **88.4460, -19.9399, 2.2399**, and if you desaturate by 10%, it is **91.3240, -11.4987, 1.4699**.

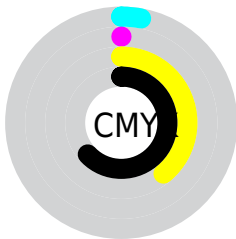
Distribution



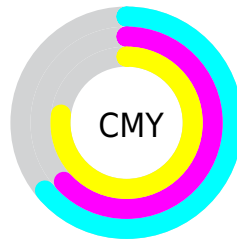
- Red (36%)
- Green (37%)
- Blue (23%)



- Red (23%)
- Yellow (37%)
- Blue (24%)



- Cyan (3%)
- Magenta (0%)
- Yellow (39%)
- Black (63%)



- Cyan (64%)
- Magenta (63%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8850, -15.7193, 1.8549 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 89.8850, -15.7193, 1.8549 by changing the saturation by 10% instead.

89.8850, -15.7193,
1.8549

89.8850, -15.7193,
1.8549

255.0000, 0.0000,
0.0000

66.1130, -14.8457,
1.6549

139.9560,
-16.7403, 2.6696

43.9280, -14.2615,
0.9401

166.7280,
-17.6139, 2.8695

23.9110, -11.7881,
0.9551

193.6140,
-18.0507, 2.9695

0.0000, 0.0000,
0.0000

221.5000,
-18.4875, 3.0695

249.7990,
-18.6349, 3.6843

253.2900, -6.5520,

1.4997

■ 89.8850, -15.7193,
1.8549

■ 89.8850, -15.7193,
1.8549

■ 88.4460, -19.9399,
2.2399

■ 91.3240, -11.4987,
1.4699

■ 87.1210, -23.7237,
2.5249

■ 92.6490, -7.7150,
1.1848

■ 85.9810, -28.0916,
3.5247

■ 93.6750, -3.7838,
0.2850

■ 84.6560, -31.8754,
3.8097

■ 95.1140, 0.4368,
-0.1000

■ 83.3310, -35.6592,
4.0947

■ 96.5530, 4.6574,
-0.4850

■ 81.8920, -39.8798,
4.4797

■ 97.8780, 8.4411,
-0.7700

■ 81.7780, -40.3166,
4.5797

■ 98.9040, 12.3723,
-1.6698

■ 100.3430, 16.5929,
-2.0548

■ 101.7820, 20.8135,
-2.4398

Harmonies

Analogous

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



91.6310, -17.0731, 16.1096



89.8850, -15.7193, 1.8549



87.2080, -8.9765, -14.2144

Triad

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



89.8850, -15.7193, 1.8549



81.8340, 18.3228, -43.7044



94.7350, 2.1026, 25.6654

Complementary

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



89.8850, -15.7193, 1.8549



63.1150, 15.7193, -1.8549

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.



94.4220, 10.1450, 12.7849



89.8850, -15.7193, 1.8549



88.1720, 19.1422, -26.4608

Square

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



89.8850, -15.7193, 1.8549



80.7000, 11.4869, -44.4639



92.9080, 16.3144, -6.0583



93.8790, -6.3493, 29.9241

Rectangle

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



89.8850, -15.7193, 1.8549



85.4500, -2.6869, -24.9507



92.9080, 16.3144, -6.0583



94.8100, 5.0237, 22.0916

Sweetspot

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



89.8850, -15.7193, 1.8549



120.1050, -5.9678, 0.7849



70.2370, -6.0328, 21.7172



60.0880, -3.4944, 0.7998



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



89.8850, -15.7193, 1.8549



114.3060, -24.3079, 3.2396



84.5030, -13.0660, -9.2111



47.5440, -1.7472, 0.3999



96.5410, -47.5947, 5.6645



206.6600, -101.8834, 11.6992

Inverse Universe

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



63.1150, 15.7193, -1.8549



72.9930, 24.1605, -2.6249



68.4970, 13.0660, 9.2111



44.4560, 1.7472, -0.3999



15.4590, 47.5947, -5.6645



33.0410, 102.0308, -12.3140

Previews

White Background



This preview shows how the YUV color 89.8850, -15.7193, 1.8549 looks on a white 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

Black Background



This preview shows how the YUV color 89.8850, -15.7193, 1.8549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

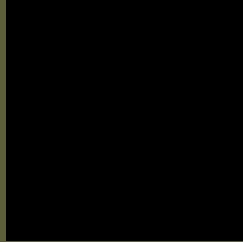
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.8850, -15.7193, 1.8549

Background



This preview shows how black text looks on a background with the YUV color 89.8850, -15.7193, 1.8549.



This preview shows how white text looks on a background with the YUV color 89.8850, -15.7193,

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

89.8850, -15.7193, 1.8549

Protanopia

90.7010, -16.6146, 9.0322

Deuteranopia

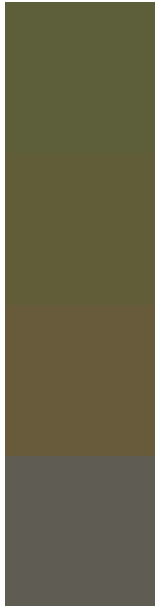
91.6850, -15.6207, 16.9393



Tritanopia

92.8910, 2.0257, 3.6036

Trichromacy



Original Color

89.8850, -15.7193, 1.8549

Protanomaly

90.3910, -16.4618, 6.6731

Deuteranomaly

91.2390, -15.8938, 11.1914

Tritanomaly

91.8710, -4.3734, 2.7441

Monochromacy



Original Color

89.8850, -15.7193, 1.8549

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1050, -5.9678, 0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8850, -15.7193, 1.8549 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(92, 95, 58)` looks like.

```
.text, #text, p{  
    color:rgb(92, 95, 58)  
}
```

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(92, 95, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 95, 58) }
```

Border

The CSS property to change the border of an element to YUV 89.8850, -15.7193, 1.8549 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(92, 95, 58) }
```


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

```
.border{ border-color:rgb(92, 95, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 95, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 95, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 95, 58);  
box-shadow:4px 4px 4px 4px rgb(92, 95, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.8850, -15.7193, 1.8549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 95, 58) }
```

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

```
.background{ background-color: rgb(92, 95,  
58) }
```

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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