

Converting Colors

YUV(58.1650, -16.8433,
35.8123)

Have a look what the booklet for
YUV(58.1650, -16.8433, 35.8123)
contains.

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Color

**YUV(58.1650, -16.8433,
35.8123)**

Conversions

Conversions Part 1

Format	Color
Hex	632C18
RGB	99, 44, 24
RGB Percent	39%, 17%, 9%
CMY	0.6118, 0.8275, 0.9059
CMYK	0.00, 0.56, 0.76, 0.61
HSL	16°, 61%, 24%
HSV	16°, 76%, 39%
XYZ	6.2111, 4.5200, 1.4092
YIQ	58.1650, 39.2000, 5.4400

Conversions

Conversions Part 2

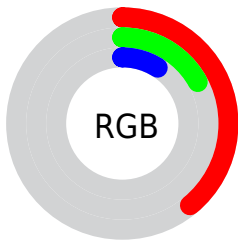
Format	Color
RYB	99, 51, 24
Decimal	6499352
CIELab	25.32, 23.29, 24.29
CIElCh	25, 33.646, 46.202
Yxy	4.5200, 0.5116, 0.3723
Android (android.graphics.Color)	4284689432 (0xFF632C18)
YUV	58.1650, -16.8433, 35.8123
Hunter-Lab	21.2602, 14.9432, 10.9521

Details

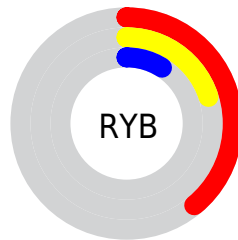
The YUV color **58.1650, -16.8433, 35.8123** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **64.8350, 16.8433, -35.8123**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.2150, -19.3330, 41.0304**, and **14.0530, -6.9281, 28.8945** is the 20% darker color. If you saturate the color by 10%, you get **52.9160, -19.1856, 40.4157**, and if you desaturate by 10%, it is **63.4140, -14.5011, 31.2089**.

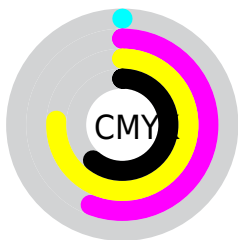
Distribution



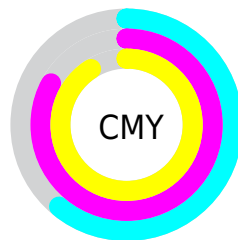
- Red (39%)
- Green (17%)
- Blue (9%)



- Red (39%)
- Yellow (20%)
- Blue (9%)



- Cyan (0%)
- Magenta (56%)
- Yellow (76%)
- Black (61%)



- Cyan (61%)
- Magenta (83%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.1650, -16.8433, 35.8123 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 58.1650, -16.8433, 35.8123 by changing the saturation by 10% instead.

■ 58.1650, -16.8433,
35.8123

■ 58.1650, -16.8433,
35.8123

254.7720, -0.8736,
0.2000

■ 34.7410, -17.1273,
33.5531

■ 107.2150,
-19.3330, 41.0304

■ 14.0530, -6.9281,
28.8945

■ 132.9980,
-20.2120, 42.9748

■ 2.3920, -1.1793,
4.9182

■ 159.6670,
-21.5278, 45.0190

■ 0.0000, 0.0000,
0.0000

■ 187.1510,
-22.2594, 46.3486

■ 210.5630,
-20.4906, 38.9712

■ 230.0770,

-16.8000, 21.8575

■ 250.2920,
-12.9620, 4.1289

■ 58.1650, -16.8433,
35.8123

■ 58.1650, -16.8433,
35.8123

■ 52.9160, -19.1856,
40.4157

■ 63.4140, -14.5011,
31.2089

■ 47.0800, -21.2384,
45.5338

■ 69.2500, -12.4482,
26.0907

■ 44.8630, -22.1175,
47.4781

■ 74.4990, -10.1060,
21.4874

■ 79.7480, -7.7638,
16.8840

■ 84.9970, -5.4215,
12.2806

■ 90.7190, -3.8055,
7.2624

■ 95.9680, -1.4632,
2.6591

■ 101.2170, 0.8790,
-1.9443

■ 106.4660, 3.2213,
-6.5477

Harmonies

Analogous

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



58.1840, -5.5137, 41.9346



58.1650, -16.8433, 35.8123



57.6720, -25.9673, 22.2127

Triad

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



58.1650, -16.8433, 35.8123



47.0350, -0.0173, -41.2497



57.2360, 25.5197, -18.6240

Complementary

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



58.1650, -16.8433, 35.8123



64.8350, 16.8433, -35.8123

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.



51.1680, 28.5112, -44.8743



58.1650, -16.8433, 35.8123



50.5860, 11.0501, -44.3639

Square

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



58.1650, -16.8433, 35.8123



51.3940, -14.4912, -18.7625



52.6210, 21.3858, -46.1486



62.1540, 16.6861, 14.7739

Rectangle

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



58.1650, -16.8433, 35.8123



56.3670, -26.8029, 10.2021



52.6210, 21.3858, -46.1486



49.0590, 30.5369, -41.2707

Sweetspot

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



58.1650, -16.8433, 35.8123



111.6660, -6.7373, 14.3249



52.6950, 12.9684, 40.6095



54.3170, -4.1003, 8.4920



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



58.1650, -16.8433, 35.8123



64.1800, -26.2177, 55.9701



80.4710, -27.8402, 16.2499



45.7830, -0.8790, 1.9443



51.0980, -25.1913, 53.4111



109.3280, -53.8987, 114.5993

Inverse Universe

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



64.8350, 16.8433, -35.8123



74.8200, 26.2177, -55.9701



43.1160, 27.5508, -16.7647



46.2170, 0.8790, -1.9443



60.9020, 25.1913, -53.4111



130.6720, 53.8987, -114.5993

Previews

White Background



This preview shows how the YUV color 58.1650, -16.8433, 35.8123 looks on a white background.

Color Contrast Check

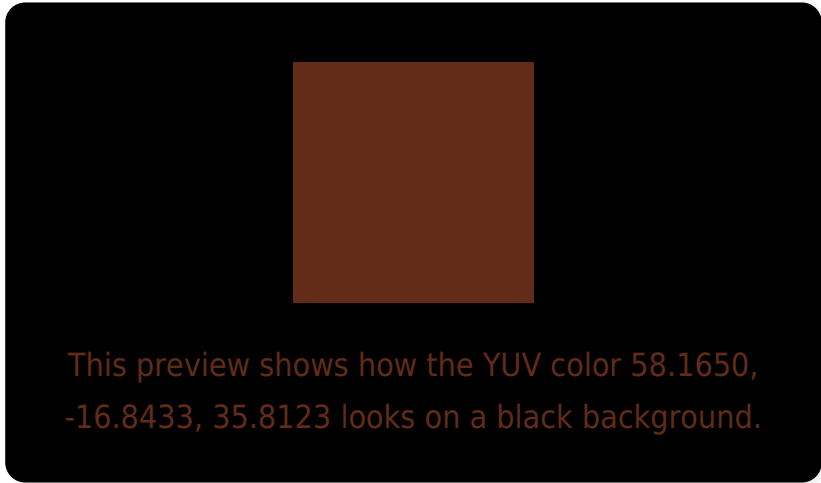
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

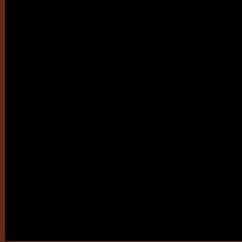
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.1650, -16.8433, 35.8123

Background



This preview shows how black text looks on a background with the YUV color 58.1650, -16.8433, 35.8123.

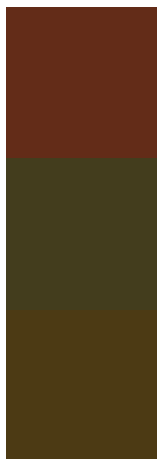


This preview shows how white text looks on a background with the YUV color 58.1650, -16.8433,

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

58.1650, -16.8433, 35.8123

Protanopia

59.1460, -14.8620, 6.8880

Deuteranopia

59.0500, -19.2516, 14.8652



Tritanopia

59.5700, -7.6760, 35.4571

Trichromacy



Original Color

58.1650, -16.8433, 35.8123

Protanomaly

58.9840, -15.7681, 17.5540

Deuteranomaly

58.6210, -18.5472, 22.2574

Tritanomaly

59.3590, -11.0230, 35.6422

Monochromacy



Original Color

58.1650, -16.8433, 35.8123

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.1820, -6.0057, 12.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.1650, -16.8433, 35.8123 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(99, 44, 24)` looks like.

```
.text, #text, p{  
    color:rgb(99, 44, 24)  
}
```

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(99, 44, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 44, 24) }
```

Border

The CSS property to change the border of an element to YUV 58.1650, -16.8433, 35.8123 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(99, 44, 24) }
```


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

```
.border{ border-color:rgb(99, 44, 24) }
```

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

Here you see how a box with a 4 pixel rgb(99, 44, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 44, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 44, 24);  
box-shadow:4px 4px 4px 4px rgb(99, 44, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.1650, -16.8433, 35.8123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 44, 24) }
```

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

```
.background{ background-color: rgb(99, 44,  
24) }
```

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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