

Converting Colors

YUV(58.8510, -24.0835,
24.6867)

Have a look what the booklet for
YUV(58.8510, -24.0835, 24.6867)
contains.

YUV(58.8510, -24.0835, 24.6867)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(58.8510, -24.0835,
24.6867)**

Conversions

Conversions Part 1

Format	Color
Hex	57360A
RGB	87, 54, 10
RGB Percent	34%, 21%, 4%
CMY	0.6588, 0.7882, 0.9608
CMYK	0.00, 0.38, 0.89, 0.66
HSL	34°, 79%, 19%
HSV	34°, 89%, 34%
XYZ	5.3044, 4.6865, 0.9122
YIQ	58.8510, 33.7920, -6.6880

Conversions

Conversions Part 2

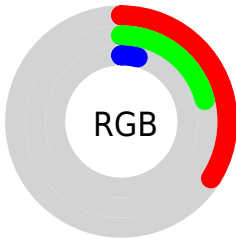
Format	Color
R_{YB}	68, 87, 10
Decimal	5715466
CIE _{Lab}	25.82, 10.81, 31.47
CIE _{LCh}	26, 33.278, 71.050
Yxy	4.6865, 0.4865, 0.4298
Android (android.graphics.Color)	4283905546 (0xFF57360A)
YUV	58.8510, -24.0835, 24.6867
Hunter-Lab	21.6483, 5.8530, 12.6556

Details

The YUV color **58.8510, -24.0835, 24.6867** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **38.1490, 24.0835, -24.6867**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.5310, -25.4048, 28.4753**, and **18.1070, -8.9268, 16.5692** is the 20% darker color. If you saturate the color by 10%, you get **55.4770, -26.8572, 27.6457**, and if you desaturate by 10%, it is **62.2250, -21.3099, 21.7277**.

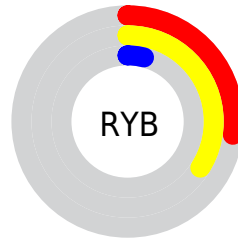
Distribution



Red (34%)

Green (21%)

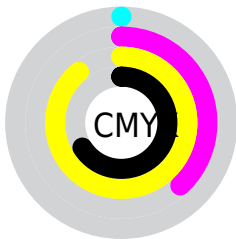
Blue (4%)



Red (27%)

Yellow (34%)

Blue (4%)

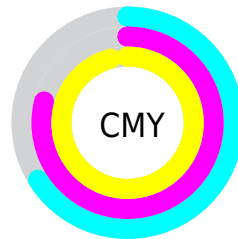


Cyan (0%)

Magenta (38%)

Yellow (89%)

Black (66%)



Cyan (66%)

Magenta (79%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.8510, -24.0835, 24.6867 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 58.8510, -24.0835, 24.6867 by changing the saturation by 10% instead.

■ 58.8510, -24.0835,
24.6867

■ 58.8510, -24.0835,
24.6867

■ 253.1760, -6.9888,
1.5996

■ 37.9090, -18.6891,
21.1278

■ 107.5310,
-25.4048, 28.4753

■ 18.1070, -8.9268,
16.5692

■ 133.2000,
-26.7206, 30.5196

■ 0.0000, 0.0000,
0.0000

■ 159.6840,
-27.4522, 31.8491

■ 186.4670,
-28.3312, 33.7934

■ 214.9510,
-29.0628, 35.1230

■ 234.4650,

-25.3722, 18.0092

■ 249.9840,
-19.2191, 4.3990

■ 58.8510, -24.0835,
24.6867

■ 58.8510, -24.0835,
24.6867

■ 55.4770, -26.8572,
27.6457

■ 62.2250, -21.3099,
21.7277

■ 55.3630, -27.2940,
27.7456

■ 64.8980, -18.6837,
19.3835

■ 68.2720, -15.9101,
16.4245

■ 71.6460, -13.1365,
13.4655

■ 74.9060, -10.7997,
10.6064

■ 77.6930, -7.7366,
8.1622

■ 81.0670, -4.9630,
5.2032

■ 84.4410, -2.1894,
2.2442

■ 87.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



59.6320, -15.1016, 37.1567



58.8510, -24.0835, 24.6867



56.9860, -25.6291, 7.0283

Triad

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



58.8510, -24.0835, 24.6867



50.8310, 9.4503, -44.5788



62.7620, 17.8653, 9.8557

Complementary

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



58.8510, -24.0835, 24.6867



38.1490, 24.0835, -24.6867

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.



56.2350, 26.9991, -26.5161



58.8510, -24.0835, 24.6867



52.9800, 20.2229, -46.4635

Square

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



58.8510, -24.0835, 24.6867



47.2800, -1.6170, -41.4646



52.3420, 27.9324, -45.9039



61.6740, 8.0487, 31.8579

Rectangle

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



58.8510, -24.0835, 24.6867



55.1630, -20.7864, -6.2820



52.3420, 27.9324, -45.9039



62.2060, 21.0974, -0.1807

Sweetspot

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



58.8510, -24.0835, 24.6867



100.9490, -9.3419, 9.6917



36.7850, 3.0640, 44.0386



49.2520, -5.5472, 5.9180



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



58.8510, -24.0835, 24.6867



71.0560, -35.0306, 35.9079



76.7270, -32.8964, 4.6244



41.3700, -1.1684, 1.4295



67.8000, -33.4254, 34.3784



148.9230, -73.4190, 75.4895

Inverse Universe

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



38.1490, 24.0835, -24.6867



40.9440, 35.0306, -35.9079



20.2730, 32.8964, -4.6244



40.6300, 1.1684, -1.4295



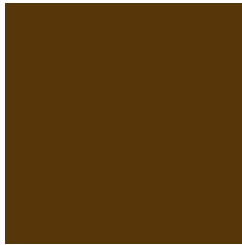
39.2000, 33.4254, -34.3784



86.0770, 73.4190, -75.4895

Previews

White Background



This preview shows how the YUV color 58.8510, -24.0835, 24.6867 looks on a white background.

Color Contrast Check

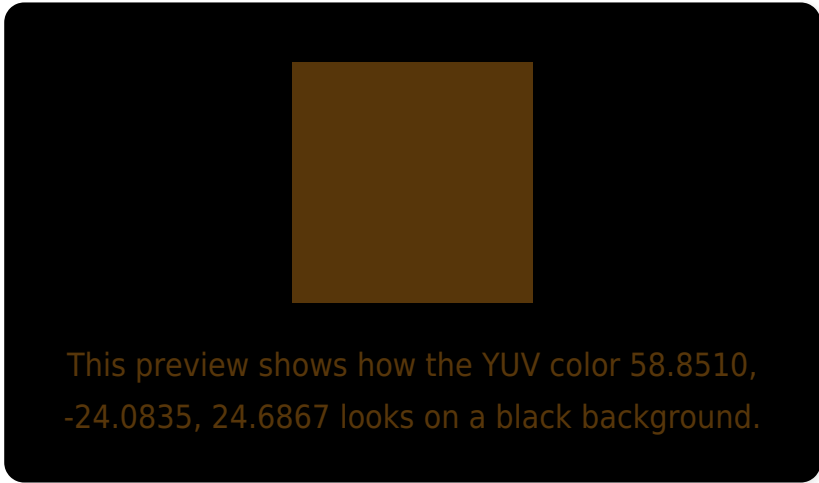
Large Text (above 18pt) WCAG AA ✓ Pass

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

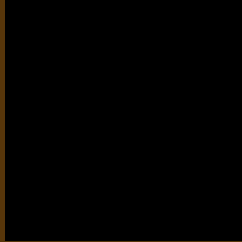
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.8510, -24.0835, 24.6867

Background



This preview shows how black text looks on a background with the YUV color 58.8510, -24.0835, 24.6867.



This preview shows how white text looks on a background with the YUV color 58.8510, -24.0835,

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

58.8510, -24.0835, 24.6867

Protanopia

58.3930, -22.8717, 9.3023

Deuteranopia

58.6390, -25.9510, 16.9796



Tritanopia

62.1170, -4.0017, 23.5764

Trichromacy



Original Color

58.8510, -24.0835, 24.6867

Protanomaly

58.6110, -23.4722, 15.2502

Deuteranomaly

58.4760, -25.3777, 19.7535

Tritanomaly

60.5810, -11.1324, 24.0465

Monochromacy



Original Color

58.8510, -24.0835, 24.6867

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.7640, -8.7577, 8.9770

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.8510, -24.0835, 24.6867 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(87, 54, 10)` looks like.

```
.text, #text, p{  
    color:rgb(87, 54, 10)  
}
```

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(87, 54, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 54, 10) }
```

Border

The CSS property to change the border of an element to YUV 58.8510, -24.0835, 24.6867 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(87, 54, 10) }
```


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

```
.border{ border-color:rgb(87, 54, 10) }
```

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

Here you see how a box with a 4 pixel rgb(87, 54, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 54, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 54, 10);  
box-shadow:4px 4px 4px 4px rgb(87, 54, 10)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.8510, -24.0835, 24.6867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 54, 10) }
```

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

```
.background{ background-color: rgb(87, 54,  
10) }
```

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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