

Converting Colors

YUV(55.3860, -12.0223,
29.4795)

Have a look what the booklet for
YUV(55.3860, -12.0223, 29.4795)
contains.

YUV(55.3860, -12.0223, 29.4795)	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(55.3860, -12.0223,
29.4795)**

Conversions

Conversions Part 1

Format	Color
Hex	592B1F
RGB	89, 43, 31
RGB Percent	35%, 17%, 12%
CMY	0.6510, 0.8314, 0.8784
CMYK	0.00, 0.52, 0.65, 0.65
HSL	12°, 48%, 24%
HSV	12°, 65%, 35%
XYZ	5.2310, 3.9505, 1.7831
YIQ	55.3860, 31.2680, 6.0200

Conversions

Conversions Part 2

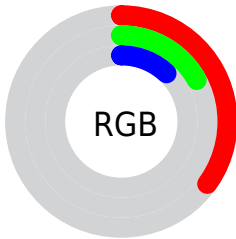
Format	Color
R_{YB}	89, 46, 31
Decimal	5843743
CIE _{Lab}	23.51, 19.90, 17.33
CIE _{LCh}	24, 26.386, 41.046
Yxy	3.9505, 0.4771, 0.3603
Android (android.graphics.Color)	4284033823 (0xFF592B1F)
YUV	55.3860, -12.0223, 29.4795
Hunter-Lab	19.8759, 12.1954, 8.5940

Details

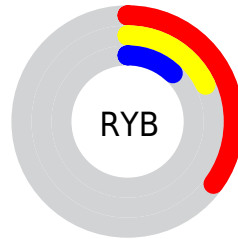
The YUV color **55.3860, -12.0223, 29.4795** is a dark color, and the websafe version is hex **663333**, and the color name is [sumac-dyed \(kōrozen\)](#). A complement of this color would be **64.6140, 12.0223, -29.4795**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.8380, -14.2171, 33.4681**, and **12.2590, -6.0437, 25.2059** is the 20% darker color. If you saturate the color by 10%, you get **50.2510, -13.9277, 33.9829**, and if you desaturate by 10%, it is **60.5210, -10.1169, 24.9761**.

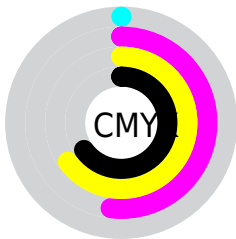
Distribution



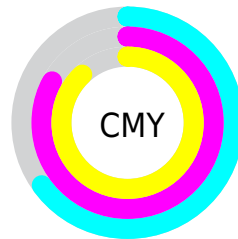
- Red (35%)
- Green (17%)
- Blue (12%)



- Red (35%)
- Yellow (18%)
- Blue (12%)



- Cyan (0%)
- Magenta (52%)
- Yellow (65%)
- Black (65%)



- Cyan (65%)
- Magenta (83%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.3860, -12.0223, 29.4795 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 55.3860, -12.0223, 29.4795 by changing the saturation by 10% instead.

■ 55.3860, -12.0223,
29.4795

■ 55.3860, -12.0223,
29.4795

■ 255.0000, 0.0000,
0.0000

■ 32.3750, -12.0169,
27.7351

■ 103.8380,
-14.2171, 33.4681

■ 12.2590, -6.0437,
25.2059

■ 129.0340,
-14.8068, 35.9272

■ 0.0000, 0.0000,
0.0000

■ 155.5180,
-15.5384, 37.2567

■ 183.0020,
-16.2700, 38.5862

■ 210.3010,
-16.4174, 39.2010

■ 229.8150,

-12.7268, 22.0872

250.0300, -8.8888,
4.3587

55.3860, -12.0223,
29.4795

55.3860, -12.0223,
29.4795

50.2510, -13.9277,
33.9829

60.5210, -10.1169,
24.9761

45.1160, -15.8332,
38.4863

65.6560, -8.2114,
20.4727

39.9810, -17.7386,
42.9897

70.7910, -6.3060,
15.9693

37.1770, -18.3283,
45.4488

75.9260, -4.4005,
11.4659

81.0610, -2.4951,
6.9625

■ 86.0820, -1.0264,
2.5591

■ 91.2170, 0.8790,
-1.9443

■ 96.3520, 2.7845,
-6.4477

■ 102.0740, 4.4005,
-11.4659

Harmonies

Analogous

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



56.2860, -3.5920, 32.1982



55.3860, -12.0223, 29.4795



54.4250, -17.9575, 19.7983

Triad

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



55.3860, -12.0223, 29.4795



43.5410, -0.7597, -36.4315



53.8680, 20.2781, -17.4242

Complementary

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



55.3860, -12.0223, 29.4795



64.6140, 12.0223, -29.4795

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.



46.9960, 22.6800, -41.2155



55.3860, -12.0223, 29.4795



45.9240, 8.4185, -40.2753

Square

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



55.3860, -12.0223, 29.4795



50.9050, -12.7712, -10.4407



47.3890, 16.5702, -41.5602



58.0130, 13.7976, 7.8816

Rectangle

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



55.3860, -12.0223, 29.4795



53.6150, -19.5302, 10.8616



47.3890, 16.5702, -41.5602



49.3610, 22.5000, -30.1346

Sweetspot

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



55.3860, -12.0223, 29.4795



101.8120, -4.8373, 11.5659



53.5860, 11.5431, 31.0581



50.3600, -2.6425, 7.5773



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



55.3860, -12.0223, 29.4795



63.0630, -18.7651, 45.5487



72.4090, -20.4146, 14.5503



40.7830, -0.8790, 1.9443



44.9070, -22.1392, 54.4556



99.0280, -48.8208, 119.2474

Inverse Universe

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



64.6140, 12.0223, -29.4795



76.9370, 18.7651, -45.5487



47.5910, 20.4146, -14.5503



41.2170, 0.8790, -1.9443



62.0930, 22.1392, -54.4556



135.9720, 48.8208, -119.2474

Previews

White Background



This preview shows how the YUV color 55.3860, -12.0223, 29.4795 looks on a white background.

Color Contrast Check

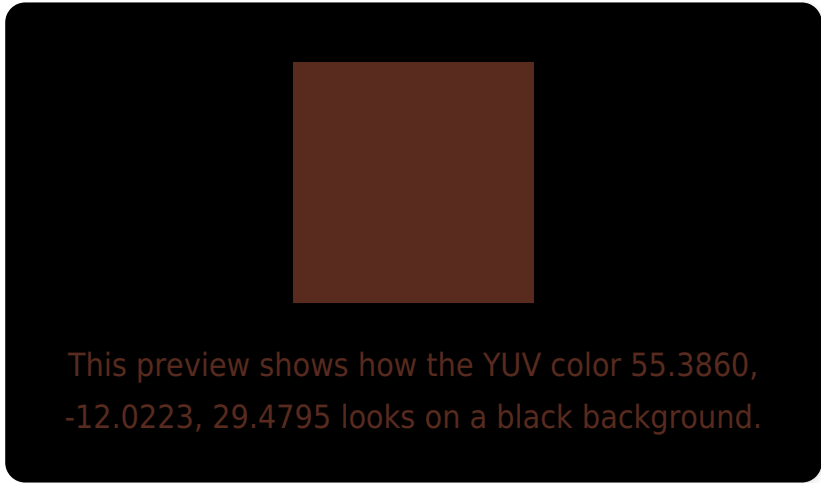
Large Text (above 18pt) WCAG AA ✓ Pass

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

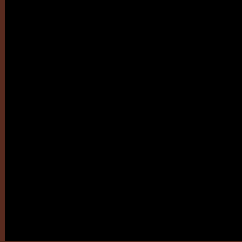
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.3860, -12.0223, 29.4795

Background



This preview shows how black text looks on a background with the YUV color 55.3860, -12.0223, 29.4795.

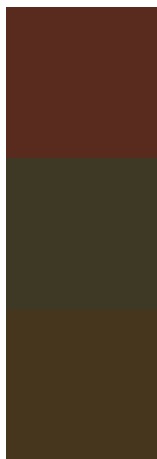


This preview shows how white text looks on a background with the YUV color 55.3860, -12.0223,

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

55.3860, -12.0223, 29.4795

Protanopia

56.1010, -9.9098, 5.1734

Deuteranopia

55.9340, -13.2785, 12.3359



Tritanopia

55.9930, -5.9125, 29.8241

Trichromacy



Original Color

55.3860, -12.0223, 29.4795

Protanomaly

55.9280, -10.8105, 14.0951

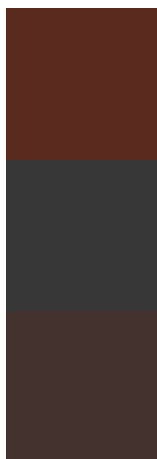
Deuteranomaly

55.7930, -12.7159, 18.5985

Tritanomaly

56.0100, -8.3859, 29.8092

Monochromacy



Original Color

55.3860, -12.0223, 29.4795

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.2140, -4.5425, 10.3363

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.3860, -12.0223, 29.4795 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(89, 43, 31)` looks like.

```
.text, #text, p{  
    color:rgb(89, 43, 31)  
}
```

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(89, 43, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 43, 31) }
```

Border

The CSS property to change the border of an element to YUV 55.3860, -12.0223, 29.4795 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(89, 43, 31) }
```


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

```
.border{ border-color:rgb(89, 43, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 43, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 43, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 43, 31);  
box-shadow:4px 4px 4px 4px rgb(89, 43, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.3860, -12.0223, 29.4795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 43, 31) }
```

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

```
.background{ background-color: rgb(89, 43,  
31) }
```

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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