

Converting Colors

YUV(55.9810, -24.6406,
16.6797)

Have a look what the booklet for
YUV(55.9810, -24.6406, 16.6797)
contains.

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Color

**YUV(55.9810, -24.6406,
16.6797)**

Conversions

Conversions Part 1

Format	Color
Hex	4B3806
RGB	75, 56, 6
RGB Percent	29%, 22%, 2%
CMY	0.7059, 0.7804, 0.9765
CMYK	0.00, 0.25, 0.92, 0.71
HSL	43°, 85%, 16%
HSV	43°, 92%, 29%
XYZ	4.3487, 4.3374, 0.7803
YIQ	55.9810, 27.3740, -11.5220

Conversions

Conversions Part 2

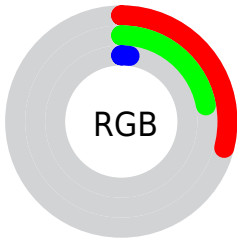
Format	Color
RYB	32, 75, 6
Decimal	4929542
CIELab	24.76, 3.16, 31.52
CIELCh	25, 31.681, 84.283
Yxy	4.3374, 0.4594, 0.4582
Android (android.graphics.Color)	4283119622 (0xFF4B3806)
YUV	55.9810, -24.6406, 16.6797
Hunter-Lab	20.8263, 0.8262, 12.3570

Details

The YUV color **55.9810, -24.6406, 16.6797** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **25.0190, 24.6406, -16.6797**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.4760, -25.3777, 19.7535**, and **15.9920, -7.8841, 8.7770** is the 20% darker color. If you saturate the color by 10%, you get **54.1230, -26.6826, 18.3091**, and if you desaturate by 10%, it is **57.9530, -22.1618, 14.9502**.

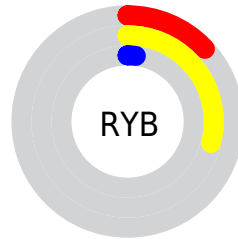
Distribution



Red (29%)

Green (22%)

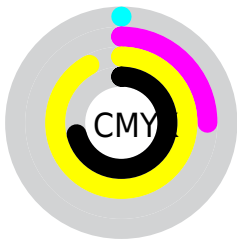
Blue (2%)



Red (13%)

Yellow (29%)

Blue (2%)

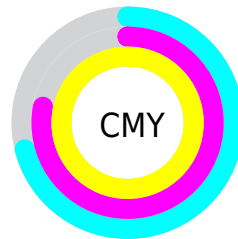


Cyan (0%)

Magenta (25%)

Yellow (92%)

Black (71%)



Cyan (71%)

Magenta (78%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.9810, -24.6406, 16.6797 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 55.9810, -24.6406, 16.6797 by changing the saturation by 10% instead.

■ 55.9810, -24.6406,
16.6797

■ 55.9810, -24.6406,
16.6797

■ 252.7200, -8.7360,
1.9996

■ 35.7940, -17.6464,
13.3357

■ 104.4760,
-25.3777, 19.7535

■ 15.9920, -7.8841,
8.7770

■ 129.8460,
-26.5461, 21.1831

■ 0.0000, 0.0000,
0.0000

■ 155.4440,
-26.8409, 22.4126

■ 182.8140,
-28.0093, 23.8421

■ 210.8850,
-29.0303, 24.6569

■ 235.1830,

-27.6982, 17.3795

■ 249.5280,
-20.9663, 4.7989

■ 55.9810, -24.6406,
16.6797

■ 55.9810, -24.6406,
16.6797

■ 54.1230, -26.6826,
18.3091

■ 57.9530, -22.1618,
14.9502

■ 60.0390, -19.2462,
13.1208

■ 62.0110, -16.7674,
11.3914

■ 64.0970, -13.8518,
9.5619

■ 66.0690, -11.3730,
7.8325

■ 68.1550, -8.4574,
6.0031

■ 70.1270, -5.9786,
4.2736

■ 72.8000, -3.3524,
1.9294

■ 74.8860, -0.4368,
0.1000

Harmonies

Analogous

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



57.3770, -18.4269, 30.3644



55.9810, -24.6406, 16.6797



53.6690, -21.5288, -1.4637

Triad

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



55.9810, -24.6406, 16.6797



49.9820, 13.8129, -43.8342



60.5630, 13.0334, 19.6772

Complementary

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



55.9810, -24.6406, 16.6797



25.0190, 24.6406, -16.6797

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.



58.5750, 21.4085, -6.6433



55.9810, -24.6406, 16.6797



50.9740, 22.6908, -44.7042

Square

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



55.9810, -24.6406, 16.6797



47.1320, 2.8929, -41.3348



49.0650, 28.0690, -43.0300



58.0290, 2.9437, 35.9316

Rectangle

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



55.9810, -24.6406, 16.6797



51.1170, -14.3547, -15.8886



49.0650, 28.0690, -43.0300



60.6160, 15.9653, 12.6148

Sweetspot

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



55.9810, -24.6406, 16.6797



89.2260, -9.4784, 6.8178



28.9110, -1.4351, 40.4201



43.8280, -5.8312, 3.6588



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



55.9810, -24.6406, 16.6797



70.0930, -34.5558, 23.5974



62.6490, -27.9280, -2.3232



36.9570, -1.4578, 0.9147



73.9360, -36.4504, 24.6121



166.2120, -81.9425, 55.9421

Inverse Universe

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



25.0190, 24.6406, -16.6797



26.9070, 34.5558, -23.5974



18.3510, 27.9280, 2.3232



35.0430, 1.4578, -0.9147



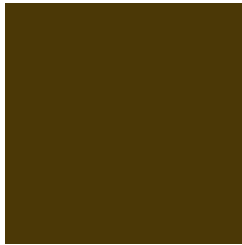
28.0640, 36.4504, -24.6121



63.2010, 82.2319, -55.4273

Previews

White Background



This preview shows how the YUV color 55.9810, -24.6406, 16.6797 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



This preview shows how the YUV color 55.9810, -24.6406, 16.6797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

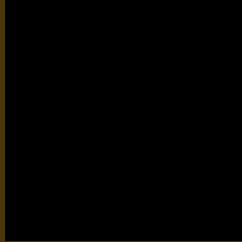
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.9810, -24.6406, 16.6797

Background



This preview shows how black text looks on a background with the YUV color 55.9810, -24.6406, 16.6797.



This preview shows how white text looks on a background with the YUV color 55.9810, -24.6406,

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

55.9810, -24.6406, 16.6797

Protanopia

55.4640, -23.8928, 10.1171

Deuteranopia

55.9810, -24.6406, 16.6797



Tritanopia

60.2300, -2.0854, 15.5843

Trichromacy



Original Color

55.9810, -24.6406, 16.6797

Protanomaly

55.7740, -24.0456, 12.4762

Deuteranomaly

55.9810, -24.6406, 16.6797

Tritanomaly

58.4660, -10.0897, 16.2543

Monochromacy



Original Color

55.9810, -24.6406, 16.6797

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0410, -8.8942, 6.1030

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.9810, -24.6406, 16.6797 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(75, 56, 6)` looks like.

```
.text, #text, p{  
    color:rgb(75, 56, 6)  
}
```

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(75, 56, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 56, 6) }
```

Border

The CSS property to change the border of an element to YUV 55.9810, -24.6406, 16.6797 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(75, 56, 6) }
```


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

```
.border{ border-color:rgb(75, 56, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 56, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 56, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 56, 6); box-shadow:4px  
4px 4px 4px rgb(75, 56, 6) }
```

Background

The CSS property to change the background color of an element to YUV 55.9810, -24.6406, 16.6797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 56, 6) }
```

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

```
.background{ background-color: rgb(75, 56,  
6) }
```

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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