

Converting Colors

YUV(62.4600, -24.3838,
27.6606)

Have a look what the booklet for
YUV(62.4600, -24.3838, 27.6606)
contains.

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Color

**YUV(62.4600, -24.3838,
27.6606)**

Conversions

Conversions Part 1

Format	Color
Hex	5E380D
RGB	94, 56, 13
RGB Percent	37%, 22%, 5%
CMY	0.6314, 0.7804, 0.9490
CMYK	0.00, 0.40, 0.86, 0.63
HSL	32°, 76%, 21%
HSV	32°, 86%, 37%
XYZ	6.1029, 5.2371, 1.0700
YIQ	62.4600, 36.4510, -5.3170

Conversions

Conversions Part 2

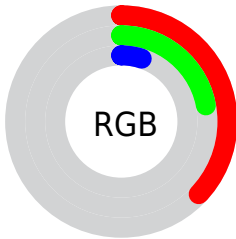
Format	Color
R_YB	85, 94, 13
Decimal	6174733
CIE _{Lab}	27.40, 13.15, 31.99
CIE _{LCh}	27, 34.586, 67.654
Yxy	5.2371, 0.4918, 0.4220
Android (android.graphics.Color)	4284364813 (0xFF5E380D)
YUV	62.4600, -24.3838, 27.6606
Hunter-Lab	22.8847, 7.5544, 13.2472

Details

The YUV color **62.4600, -24.3838, 27.6606** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **44.5400, 24.3838, -27.6606**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.4390, -25.8524, 32.0640**, and **21.0750, -10.3900, 19.2282** is the 20% darker color. If you saturate the color by 10%, you get **59.0860, -27.1574, 30.6196**, and if you desaturate by 10%, it is **65.8340, -21.6102, 24.7016**.

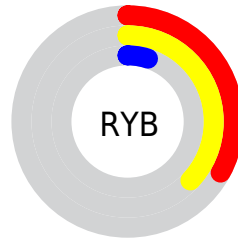
Distribution



Red (37%)

Green (22%)

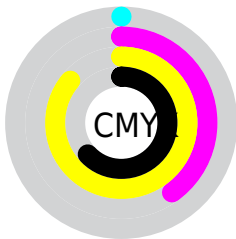
Blue (5%)



Red (33%)

Yellow (37%)

Blue (5%)

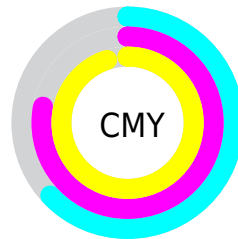


Cyan (0%)

Magenta (40%)

Yellow (86%)

Black (63%)



Cyan (63%)

Magenta (78%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.4600, -24.3838, 27.6606 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 62.4600, -24.3838, 27.6606 by changing the saturation by 10% instead.

62.4600, -24.3838,
27.6606

62.4600, -24.3838,
27.6606

253.6320, -5.2416,
1.1997

40.5890, -20.0104,
24.9164

111.4390,
-25.8524, 32.0640

21.0750, -10.3900,
19.2282

137.1080,
-27.1682, 34.1083

1.4950, -0.7370,
3.0739

163.8910,
-28.0473, 36.0526

0.0000, 0.0000,
0.0000

191.3750,
-28.7789, 37.3821

217.0540,
-28.6206, 33.2786

236.5680,

-24.9300, 16.1649

■ 250.3260,
-17.9087, 4.0991

■ 62.4600, -24.3838,
27.6606

■ 62.4600, -24.3838,
27.6606

■ 59.0860, -27.1574,
30.6196

■ 65.8340, -21.6102,
24.7016

■ 57.4560, -28.3258,
32.0491

■ 69.9090, -18.6891,
21.1278

■ 73.2830, -15.9155,
18.1688

■ 77.3580, -12.9945,
14.5950

■ 80.7320, -10.2209,
11.6360

■ 84.1060, -7.4473,
8.6770

■ 88.1810, -4.5262,
5.1033

■ 91.5550, -1.7526,
2.1443

■ 95.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



62.8820, -14.2388, 40.4455



62.4600, -24.3838, 27.6606



60.8400, -27.5291, 9.7873

Triad

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



62.4600, -24.3838, 27.6606



53.2930, 8.7296, -46.7380



66.6090, 19.9128, 6.4819

Complementary

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



62.4600, -24.3838, 27.6606



44.5400, 24.3838, -27.6606

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.



56.5650, 29.7945, -36.4525



62.4600, -24.3838, 27.6606



55.5560, 19.9389, -48.7226

Square

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



62.4600, -24.3838, 27.6606



49.5140, -3.2114, -43.4238



55.8470, 28.6694, -48.9778



65.4290, 9.6485, 32.0728

Rectangle

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



62.4600, -24.3838, 27.6606



58.7180, -22.5390, -4.1377



55.8470, 28.6694, -48.9778



65.6400, 22.8555, -4.0693

Sweetspot

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



62.4600, -24.3838, 27.6606



109.6610, -9.1999, 10.8213



41.6650, 5.0952, 45.8978



53.5510, -5.6946, 6.5328



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.



62.4600, -24.3838, 27.6606



74.6330, -36.7941, 41.5409



84.4670, -35.2332, 7.4834



44.2560, -1.6052, 1.5295



66.9360, -32.9994, 37.7671



144.8250, -71.3987, 80.8375

Inverse Universe

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



44.5400, 24.3838, -27.6606



47.3670, 36.7941, -41.5409



22.5330, 35.2332, -7.4834



42.7440, 1.6052, -1.5295



42.4770, 33.2888, -37.2523



92.1750, 71.3987, -80.8375

Previews

White Background



This preview shows how the YUV color 62.4600, -24.3838, 27.6606 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 62.4600, -24.3838, 27.6606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

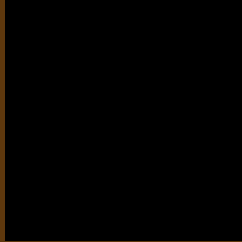
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.4600, -24.3838, 27.6606

Background



This preview shows how black text looks on a background with the YUV color 62.4600, -24.3838, 27.6606.



This preview shows how white text looks on a background with the YUV color 62.4600, -24.3838,

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

62.4600, -24.3838, 27.6606

Protanopia

61.6920, -23.0192, 9.9171

Deuteranopia

61.9380, -26.0984, 17.5944



Tritanopia

65.6120, -4.7387, 26.6503

Trichromacy



Original Color

62.4600, -24.3838, 27.6606

Protanomaly

62.2090, -23.7670, 16.4797

Deuteranomaly

62.0740, -25.6725, 20.9831

Tritanomaly

64.0760, -11.8695, 27.1203

Monochromacy



Original Color

62.4600, -24.3838, 27.6606

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.3620, -9.0525, 10.2065

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.4600, -24.3838, 27.6606 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(94, 56, 13)` looks like.

```
.text, #text, p{  
    color:rgb(94, 56, 13)  
}
```

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(94, 56, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 56, 13) }
```

Border

The CSS property to change the border of an element to YUV 62.4600, -24.3838, 27.6606 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(94, 56, 13) }
```


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

```
.border{ border-color:rgb(94, 56, 13) }
```

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

Here you see how a box with a 4 pixel rgb(94, 56, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 56, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 56, 13);  
box-shadow:4px 4px 4px 4px rgb(94, 56, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.4600, -24.3838, 27.6606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 56, 13) }
```

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

```
.background{ background-color: rgb(94, 56,  
13) }
```

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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