

Converting Colors

YUV(25.6380, 2.6435, 38.9055)

Have a look what the booklet for
YUV(25.6380, 2.6435, 38.9055)
contains.

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Color

**YUV(25.6380, 2.6435,
38.9055)**

Conversions

Conversions Part 1

Format	Color
Hex	46021F
RGB	70, 2, 31
RGB Percent	27%, 1%, 12%
CMY	0.7255, 0.9922, 0.8784
CMYK	0.00, 0.97, 0.56, 0.73
HSL	334°, 94%, 14%
HSV	334°, 97%, 27%
XYZ	2.7948, 1.4444, 1.4278
YIQ	25.6380, 31.2190, 23.4350

Conversions

Conversions Part 2

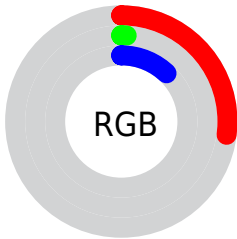
Format	Color
R_{YB}	70, 2, 31
Decimal	4588063
CIE _{Lab}	12.25, 32.56, 1.54
CIE _{LCh}	12, 32.595, 2.716
Y _{xy}	1.4444, 0.4932, 0.2549
Android (android.graphics.Color)	4282778143 (0xFF46021F)
YUV	25.6380, 2.6435, 38.9055
Hunter-Lab	12.0185, 20.4767, 1.3691

Details

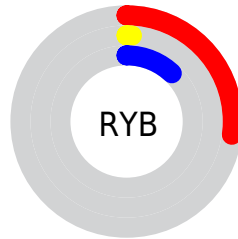
The YUV color **25.6380, 2.6435, 38.9055** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **46.3620, -2.6435, -38.9055**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.1390, -0.5615, 40.2201**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.3500, 2.7854, 40.0350**, and if you desaturate by 10%, it is **30.2030, 2.3649, 34.9020**.

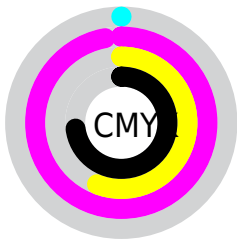
Distribution



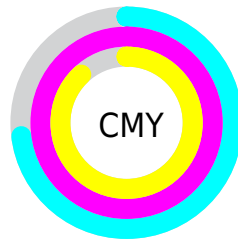
- Red (27%)
- Green (1%)
- Blue (12%)



- Red (27%)
- Yellow (1%)
- Blue (12%)



- Cyan (0%)
- Magenta (97%)
- Yellow (56%)
- Black (73%)




- Cyan (73%)
- Magenta (99%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YUV color 25.6380, 2.6435, 38.9055 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 25.6380, 2.6435, 38.9055 by changing the saturation by 10% instead.

 25.6380, 2.6435,
38.9055


 25.6380, 2.6435,
38.9055


 245.6080, 4.6303,
8.2368


 15.0360, -4.4547,
28.9094


 76.1390, -0.5615,
40.2201

 0.0000, 0.0000,
0.0000

 100.9220, -1.4405,
42.1644

 126.8190, -1.8828,
44.0087


 153.4170, -2.1776,
45.2383


 181.0150, -2.4724,
46.4678

 206.2210, -1.5880,


42.7792

 225.8490, 2.5394,
25.5654


 25.6380, 2.6435,
38.9055

 25.6380, 2.6435,
38.9055


 24.3500, 2.7854,
40.0350

 30.2030, 2.3649,
34.9020

 34.7680, 2.0864,
30.8985

 39.3330, 1.8078,
26.8950

 43.8980, 1.5293,
22.8915

 48.4630, 1.2507,
18.8879

■ 53.0280, 0.9722,
14.8844

■ 57.5930, 0.6937,
10.8809

■ 62.1580, 0.4151,
6.8774

■ 66.7230, 0.1366,
2.8739

Harmonies

Analogous

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



30.4390, 11.1226, 25.9250



25.6380, 2.6435, 38.9055



25.9570, -11.3178, 36.8717

Triad

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



25.6380, 2.6435, 38.9055



26.8020, -13.2134, -8.5964



31.6880, 19.8738, -27.7904

Complementary

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



25.6380, 2.6435, 38.9055



46.3620, -2.6435, -38.9055

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.



31.0380, 12.3063, -27.2203



25.6380, 2.6435, 38.9055



24.1640, -8.9549, -21.1918

Square

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



25.6380, 2.6435, 38.9055



30.4450, -15.0094, 7.5027



28.4160, 2.2599, -24.9208



28.7360, 23.7942, -25.2015

Rectangle

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



25.6380, 2.6435, 38.9055



29.1040, -14.3483, 28.8498



28.4160, 2.2599, -24.9208



31.2320, 18.1266, -27.3905

Sweetspot

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



25.6380, 2.6435, 38.9055



74.4410, 1.2616, 15.3992



21.4130, 23.9534, 17.1778



35.5820, 0.6991, 9.1366



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



25.6380, 2.6435, 38.9055



31.9540, 3.4737, 52.6603



25.2670, -11.4706, 39.2308



33.4240, 0.2840, 2.2592



34.3890, 3.7522, 56.6638



78.9310, 8.9080, 129.8565

Inverse Universe

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



25.6380, 2.6435, 38.9055



31.9540, 3.4737, 52.6603



46.7330, 11.4706, -39.2308



33.4240, 0.2840, 2.2592



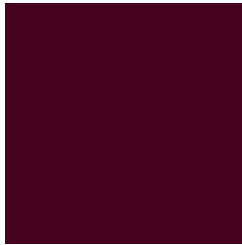
34.3890, 3.7522, 56.6638



78.9310, 8.9080, 129.8565

Previews

White Background



This preview shows how the YUV color 25.6380, 2.6435, 38.9055 looks on a white background.

Color Contrast Check

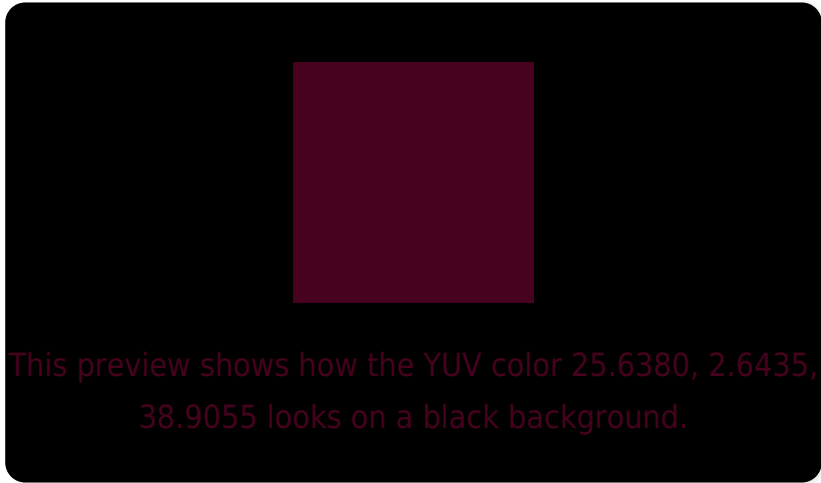
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6380, 2.6435, 38.9055

Background



This preview shows how black text looks on a background with the YUV color 25.6380, 2.6435, 38.9055.



This preview shows how white text looks on a background with the YUV color 25.6380, 2.6435,

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

25.6380, 2.6435, 38.9055

Protanopia

36.4280, 4.2260, -2.1294

Deuteranopia

36.2950, -4.0894, 5.0033



Tritanopia

29.0430, -8.4022, 35.0423

Trichromacy



Original Color

25.6380, 2.6435, 38.9055

Protanomaly

32.7010, 3.5984, 12.5402

Deuteranomaly

32.3550, -1.6540, 17.2287

Tritanomaly

27.4930, -4.1870, 36.4016

Monochromacy



Original Color

25.6380, 2.6435, 38.9055

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

25.7290, 1.1196, 14.2697

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.6380, 2.6435, 38.9055 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(70, 2, 31)` looks like.

```
.text, #text, p{  
    color:rgb(70, 2, 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(70, 2, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 2, 31) }
```

Border

The CSS property to change the border of an element to YUV 25.6380, 2.6435, 38.9055 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(70, 2, 31) }
```


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

```
.border{ border-color:rgb(70, 2, 31) }
```

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

Here you see how a box with a 4 pixel rgb(70, 2, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 2, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(70, 2, 31); box-shadow:4px  
4px 4px 4px rgb(70, 2, 31) }
```

Background

The CSS property to change the background color of an element to YUV 25.6380, 2.6435, 38.9055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 2, 31) }
```

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

```
.background{ background-color: rgb(70, 2,  
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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