

Converting Colors

YUV(24.6380, 19.4055, 29.2585)

Have a look what the booklet for
YUV(24.6380, 19.4055, 29.2585)
contains.

YUV(24.6380, 19.4055, 29.2585)	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>	30

Color

**YUV(24.6380, 19.4055,
29.2585)**

Conversions

Conversions Part 1

Format	Color
Hex	3A0040
RGB	58, 0, 64
RGB Percent	23%, 0%, 25%
CMY	0.7725, 1.0000, 0.7490
CMYK	0.09, 1.00, 0.00, 0.75
HSL	294°, 100%, 13%
HSV	294°, 100%, 25%
XYZ	2.6703, 1.2697, 4.9548
YIQ	24.6380, 14.0240, 32.2000

Conversions

Conversions Part 2

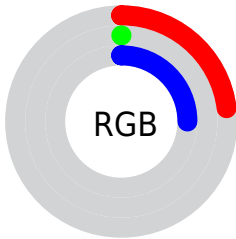
Format	Color
R_{YB}	58, 0, 64
Decimal	3801152
CIE _{Lab}	11.06, 35.35, -24.74
CIE _{LCh}	11, 43.154, 325.011
Yxy	1.2697, 0.3002, 0.1427
Android (android.graphics.Color)	4281991232 (0xFF3A0040)
YUV	24.6380, 19.4055, 29.2585
Hunter-Lab	11.2681, 22.5820, -18.1833

Details

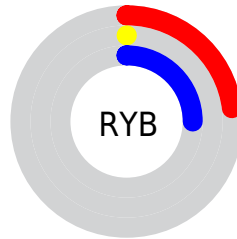
The YUV color **24.6380, 19.4055, 29.2585** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **39.3620, -19.4055, -29.2585**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.4100, 18.5319, 29.4584**, and **2.8670, 8.4466, -2.5144** is the 20% darker color. If you saturate the color by 10%, you get **24.6380, 19.4055, 29.2585**, and if you desaturate by 10%, it is **28.4590, 17.5217, 26.7845**.

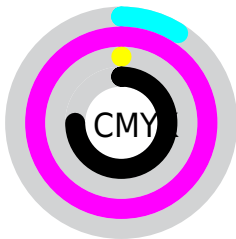
Distribution



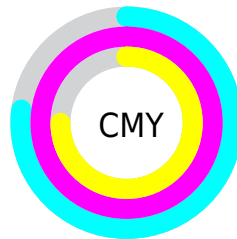
- Red (23%)
- Green (0%)
- Blue (25%)



- Red (23%)
- Yellow (0%)
- Blue (25%)



- Cyan (9%)
- Magenta (100%)
- Yellow (0%)
- Black (75%)





- Cyan (77%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 24.6380, 19.4055, 29.2585 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 24.6380, 19.4055, 29.2585 by changing the saturation by 10% instead.

 24.6380, 19.4055,
29.2585


 24.6380, 19.4055,
29.2585

 243.2600, 5.7878,
10.2960


 16.1500, 12.7440,
19.1624

 74.4100, 18.5319,
29.4584


 2.8670, 8.4466,
-2.5144

 99.8230, 18.8213,
29.9732

 0.0000, 0.0000,
0.0000

 125.5350, 18.9632,
31.1028

 151.7740, 19.8314,
32.6472

 179.1870, 20.1208,
33.1620

 206.8990, 20.2628,

34.2916

■ 226.8240, 13.8908,
24.7104

■ 24.6380, 19.4055,
29.2585

■ 28.4590, 17.5217,
26.7845

■ 32.5680, 15.4960,
23.1809

■ 36.3890, 13.6122,
20.7068

■ 40.4980, 11.5865,
17.1033

■ 44.3190, 9.7027,
14.6292

■ 48.1400, 7.8190,
12.1552

■ 52.2490, 5.7932,
8.5516

■ 56.0700, 3.9095,
6.0776

■ 60.1790, 1.8838,
2.4740

Harmonies

Analogous

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



23.6640, 29.7456, -20.7533



24.6380, 19.4055, 29.2585



26.8280, 4.5218, 43.1238

Triad

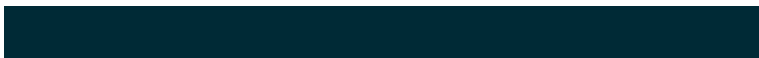
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.6380, 19.4055, 29.2585



28.4070, -14.0047, 11.9211



30.8100, 11.4327, -27.0204

Complementary

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



24.6380, 19.4055, 29.2585



39.3620, -19.4055, -29.2585

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.



27.2760, -2.1081, -23.9211



24.6380, 19.4055, 29.2585



24.1330, -11.8976, -10.6406

Square

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



24.6380, 19.4055, 29.2585



24.7070, -12.1806, 33.5830



23.4800, -11.5756, -20.5920



32.3720, 22.4946, -28.3902

Rectangle

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



24.6380, 19.4055, 29.2585



25.0320, -4.9458, 46.4529



23.4800, -11.5756, -20.5920



29.6700, 7.0647, -26.0206

Sweetspot

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



24.6380, 19.4055, 29.2585



68.7270, 7.5296, 11.6404



10.8180, 26.2187, -9.4874



33.8960, 4.4883, 7.1072



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



24.6380, 19.4055, 29.2585



32.3000, 25.4881, 38.3249



23.4680, 7.1643, 35.5466



31.2390, 0.8682, 1.5444



37.3700, 29.3976, 44.4025



86.2330, 67.9191, 102.4047

Inverse Universe

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



19.8200, -6.8133, 38.7459



26.0280, -8.8878, 50.8414



40.5320, -7.1643, -35.5466



30.8970, -0.4422, 1.8443



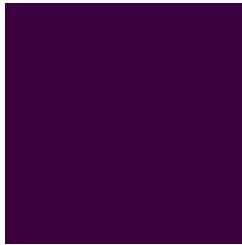
30.0290, -10.3673, 58.7336



69.3700, -23.8464, 135.6105

Previews

White Background



This preview shows how the YUV color 24.6380, 19.4055, 29.2585 looks on a white background.

Color Contrast Check

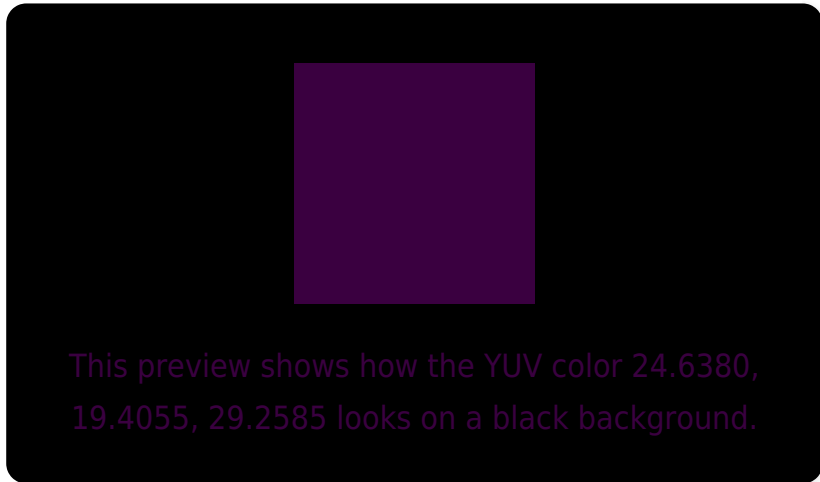
Large Text (above 18pt) WCAG AA ✓ Pass

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

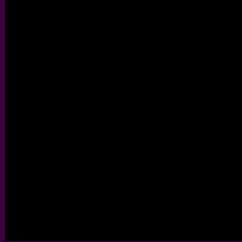
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.6380, 19.4055, 29.2585

Background



This preview shows how black text looks on a background with the YUV color 24.6380, 19.4055, 29.2585.



This preview shows how white text looks on a background with the YUV color 24.6380, 19.4055,

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



Protanopia

27.3510, 21.0260, -23.9868

Deuteranopia

30.6740, 14.4577, -17.2541

Tritanopia

33.6000, -3.2538, 17.0138

Trichromacy



Protanomaly

26.3580, 20.5295, -4.6990

Deuteranomaly

28.2400, 16.1507, -0.2105

Tritanomaly

30.3970, 4.7343, 21.5768

Monochromacy



Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.9010, 6.9508, 10.6108

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.6380, 19.4055, 29.2585 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(58, 0, 64)` looks like.

```
.text, #text, p{  
    color:rgb(58, 0, 64)  
}
```

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(58, 0, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 0, 64) }
```

Border

The CSS property to change the border of an element to YUV 24.6380, 19.4055, 29.2585 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(58, 0, 64) }
```

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

```
.border{ border-color:rgb(58, 0, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 0, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 0, 64); -webkit-box-shadow:4px  
4px 4px 4px rgb(58, 0, 64); box-shadow:4px  
4px 4px 4px rgb(58, 0, 64) }
```


Background

The CSS property to change the background color of an element to YUV 24.6380, 19.4055, 29.2585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 0, 64) }
```

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

```
.background{ background-color: rgb(58, 0,  
64) }
```

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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