

Converting Colors

YUV(27.8780, 15.3431, 25.5400)

Have a look what the booklet for
YUV(27.8780, 15.3431, 25.5400)
contains.

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Color

**YUV(27.8780, 15.3431,
25.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	39073B
RGB	57, 7, 59
RGB Percent	22%, 3%, 23%
CMY	0.7765, 0.9725, 0.7686
CMYK	0.03, 0.88, 0.00, 0.77
HSL	298°, 79%, 13%
HSV	298°, 88%, 23%
XYZ	2.5527, 1.3376, 4.2613
YIQ	27.8780, 13.1080, 26.7720

Conversions

Conversions Part 2

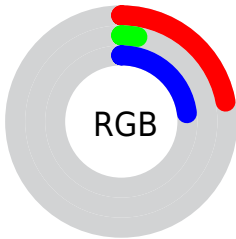
Format	Color
R_{YB}	57, 7, 59
Decimal	3737403
CIE _{Lab}	11.54, 31.05, -20.43
CIE _{LCh}	12, 37.165, 326.657
Yxy	1.3376, 0.3132, 0.1641
Android (android.graphics.Color)	4281927483 (0xFF39073B)
YUV	27.8780, 15.3431, 25.5400
Hunter-Lab	11.5654, 19.1595, -13.7498




Details

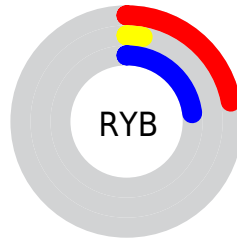
The YUV color **27.8780, 15.3431, 25.5400** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **38.1220, -15.3431, -25.5400**, and the grayscale version is **28.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **76.1770, 15.1957, 26.1548**, and **2.1830, 5.8258, -1.9145** is the 20% darker color. If you saturate the color by 10%, you get **24.3560, 17.0795, 28.6288**, and if you desaturate by 10%, it is **31.4000, 13.6068, 22.4512**.

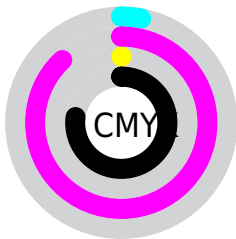
Distribution







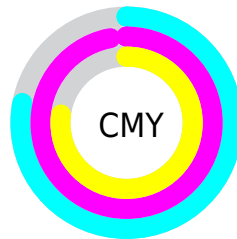
-  Red (22%)
-  Green (3%)
-  Blue (23%)






-  Red (22%)
-  Yellow (3%)
-  Blue (23%)



-  Cyan (3%)
-  Magenta (88%)
-  Yellow (0%)
-  Black (77%)



-  Cyan (78%)
-  Magenta (97%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.8780, 15.3431, 25.5400 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 27.8780, 15.3431, 25.5400 by changing the saturation by 10% instead.

■ 27.8780, 15.3431,
25.5400

■ 27.8780, 15.3431,
25.5400

■ 246.1950, 4.3409,
7.7220

■ 15.2810, 10.7075,
19.0476

■ 76.1770, 15.1957,
26.1548

■ 2.1830, 5.8258,
-1.9145

■ 100.8890, 15.3377,
27.2843

■ 0.0000, 0.0000,
0.0000


■ 126.6010, 15.4797,
28.4139


■ 153.0140, 15.7691,
28.9287


■ 179.8400, 16.3479,
29.9583


■ 207.5520, 16.4899,

31.0879


 229.1720, 12.7332,
22.6512


 27.8780, 15.3431,
25.5400

 27.8780, 15.3431,
25.5400

 24.3560, 17.0795,
28.6288

 31.4000, 13.6068,
22.4512

 23.7690, 17.3689,
29.1436

 34.9220, 11.8705,
19.3624

 38.7430, 9.9867,
16.8884

 42.2650, 8.2504,
13.7996

 45.7870, 6.5140,
10.7108

■ 48.7220, 5.0671,
8.1368

■ 52.5430, 3.1833,
5.6628

■ 56.0650, 1.4470,
2.5740

■ 59.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



27.9380, 24.1876, -11.3466



27.8780, 15.3431, 25.5400



25.5180, 4.6746, 40.7647

Triad

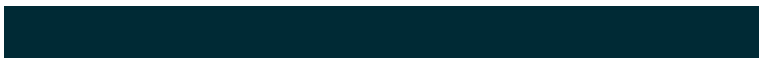
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.8780, 15.3431, 25.5400



29.5810, -14.5834, 10.8915



30.6960, 10.9959, -26.9204

Complementary

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



27.8780, 15.3431, 25.5400



38.1220, -15.3431, -25.5400

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.



27.1450, -0.0715, -23.8062



27.8780, 15.3431, 25.5400



26.2150, -12.9240, -8.0816

Square

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



27.8780, 15.3431, 25.5400



27.3320, -13.4747, 28.6498



22.8930, -11.2862, -20.0772



31.8020, 20.3106, -27.8904

Rectangle

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



27.8780, 15.3431, 25.5400



23.7650, -3.3351, 43.1791



22.8930, -11.2862, -20.0772



29.7840, 7.5015, -26.1206

Sweetspot

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



27.8780, 15.3431, 25.5400



64.9610, 5.9352, 9.6812



14.6890, 21.8453, -6.7433



30.9560, 3.4727, 6.1776



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



27.8780, 15.3431, 25.5400



30.9040, 22.7253, 37.7952



25.8540, 5.0020, 29.0690



28.9400, 1.0156, 0.9296



37.9250, 27.6450, 46.5468



88.9950, 65.5715, 108.7524

Inverse Universe

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



22.7760, -6.7916, 31.7684



23.3650, -10.0399, 47.0379



40.1460, -5.0020, -29.0690



28.8970, -0.4422, 1.8443



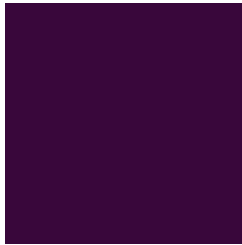
28.5620, -12.1091, 57.3891



67.4040, -28.7932, 135.5807

Previews

White Background



This preview shows how the YUV color 27.8780, 15.3431, 25.5400 looks on a white background.

Color Contrast Check

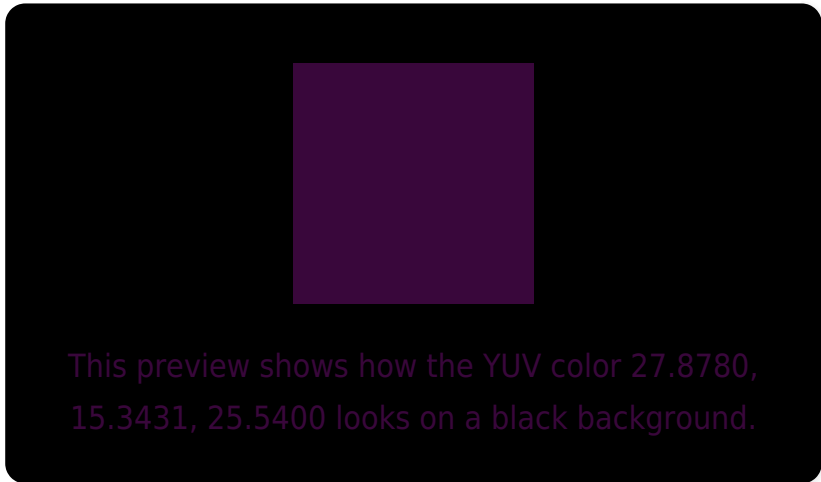
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8780, 15.3431, 25.5400

Background



This preview shows how black text looks on a background with the YUV color 27.8780, 15.3431, 25.5400.



This preview shows how white text looks on a background with the YUV color 27.8780, 15.3431,

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

27.8780, 15.3431, 25.5400

Protanopia

26.5360, 20.4418, -23.2721

Deuteranopia

31.7240, 11.9681, -12.0359



Tritanopia

32.7850, -3.8380, 17.7286

Trichromacy



Original Color

27.8780, 15.3431, 25.5400

Protanomaly

27.1900, 18.6403, -5.4286

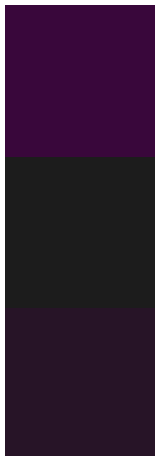
Deuteranomaly

30.1540, 13.2351, 1.6189

Tritanomaly

30.9300, 2.9925, 20.2324

Monochromacy



Original Color

27.8780, 15.3431, 25.5400

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.8470, 5.4984, 9.7812

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.8780, 15.3431, 25.5400 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(57, 7, 59)` looks like.

```
.text, #text, p{  
    color:rgb(57, 7, 59)  
}
```

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(57, 7, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 7, 59) }
```

Border

The CSS property to change the border of an element to YUV 27.8780, 15.3431, 25.5400 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(57, 7, 59) }
```


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

```
.border{ border-color:rgb(57, 7, 59) }
```

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

Here you see how a box with a 4 pixel rgb(57, 7, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 7, 59); -webkit-box-shadow:4px  
4px 4px 4px rgb(57, 7, 59); box-shadow:4px  
4px 4px 4px rgb(57, 7, 59) }
```

Background

The CSS property to change the background color of an element to YUV 27.8780, 15.3431, 25.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 7, 59) }
```

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

```
.background{ background-color: rgb(57, 7,  
59) }
```

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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