

Converting Colors

YUV(27.3790, 12.1382, 26.8546)

Have a look what the booklet for
YUV(27.3790, 12.1382, 26.8546)
contains.

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Color

**YUV(27.3790, 12.1382,
26.8546)**

Conversions

Conversions Part 1

Format	Color
Hex	3A0734
RGB	58, 7, 52
RGB Percent	23%, 3%, 20%
CMY	0.7725, 0.9725, 0.7961
CMYK	0.00, 0.88, 0.10, 0.77
HSL	307°, 78%, 13%
HSV	307°, 88%, 23%
XYZ	2.4407, 1.2994, 3.3710
YIQ	27.3790, 15.9510, 24.8070

Conversions

Conversions Part 2

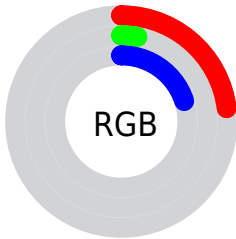
Format	Color
R_{YB}	58, 7, 52
Decimal	3802932
CIE _{Lab}	11.27, 29.96, -15.78
CIE _{LCh}	11, 33.865, 332.226
Yxy	1.2994, 0.3432, 0.1827
Android (android.graphics.Color)	4281993012 (0xFF3A0734)
YUV	27.3790, 12.1382, 26.8546
Hunter-Lab	11.3993, 18.2705, -9.5537

Details

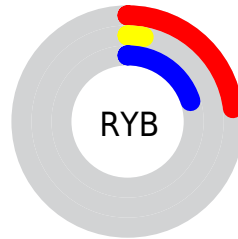
The YUV color **27.3790, 12.1382, 26.8546** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **37.6210, -12.1382, -26.8546**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.5640, 11.5539, 27.5694**, and **0.2280, 0.8736, -0.2000** is the 20% darker color. If you saturate the color by 10%, you get **23.7430, 13.4377, 30.0434**, and if you desaturate by 10%, it is **31.0150, 10.8386, 23.6658**.

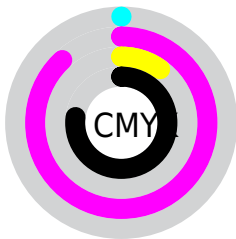
Distribution



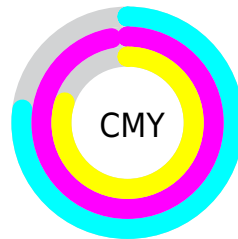
- Red (23%)
- Green (3%)
- Blue (20%)



- Red (23%)
- Yellow (3%)
- Blue (20%)



- Cyan (0%)
- Magenta (88%)
- Yellow (10%)
- Black (77%)



- Cyan (77%)
- Magenta (97%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.3790, 12.1382, 26.8546 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 27.3790, 12.1382, 26.8546 by changing the saturation by 10% instead.

■ 27.3790, 12.1382,
26.8546

■ 27.3790, 12.1382,
26.8546

■ 245.6080, 4.6303,
8.2368

■ 14.8960, 7.9393,
20.2622

■ 75.5640, 11.5539,
27.5694

■ 0.2280, 0.8736,
-0.2000

■ 100.2760, 11.6959,
28.6989

■ 0.0000, 0.0000,
0.0000


■ 125.9880, 11.8379,
29.8285


■ 151.9990, 11.8325,
31.5729


■ 179.4120, 12.1219,
32.0877


■ 206.8250, 12.4113,


32.6025


 229.1720, 12.7332,
22.6512


 27.3790, 12.1382,
26.8546

 27.3790, 12.1382,
26.8546


 23.7430, 13.4377,
30.0434

 31.0150, 10.8386,
23.6658

 23.1560, 13.7271,
30.5582

 34.5370, 9.1023,
20.5771

 37.5860, 8.0921,
17.9031

 41.2220, 6.7926,
14.7143

 44.7440, 5.0562,
11.6255

■ 48.3800, 3.7567,
8.4367

■ 52.0160, 2.4571,
5.2480

■ 54.9510, 1.0102,
2.6740

■ 58.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



30.1520, 19.6451, -1.0103



27.3790, 12.1382, 26.8546



23.9370, 2.4961, 39.5203

Triad

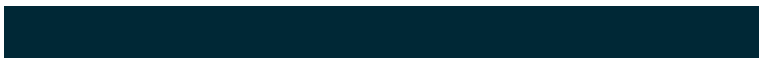
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.3790, 12.1382, 26.8546



28.6730, -14.1358, 7.3028



29.6360, 12.0115, -25.9908

Complementary

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



27.3790, 12.1382, 26.8546



37.6210, -12.1382, -26.8546

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.



27.0140, 1.9651, -23.6913



27.3790, 12.1382, 26.8546



24.4320, -12.0450, -10.0259

Square

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



27.3790, 12.1382, 26.8546



28.1850, -13.8952, 23.5168



23.0070, -10.8495, -20.1771



30.4000, 20.0158, -26.6608

Rectangle

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



27.3790, 12.1382, 26.8546



22.5860, -5.2189, 40.7051



23.0070, -10.8495, -20.1771



28.8380, 8.9539, -25.2909

Sweetspot

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



27.3790, 12.1382, 26.8546



64.9180, 4.4774, 10.5959



14.6080, 21.3923, -1.4102



30.8420, 3.0359, 6.2776



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.



27.3790, 12.1382, 26.8546



30.7750, 18.3519, 40.5393



24.5290, 1.2182, 29.3541



26.2390, 0.8682, 1.5444



36.7420, 21.8192, 48.4613



87.5970, 52.4567, 115.2404

Inverse Universe

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



27.3790, 12.1382, 26.8546



30.7750, 18.3519, 40.5393



40.4710, -1.2182, -29.3541



26.2390, 0.8682, 1.5444



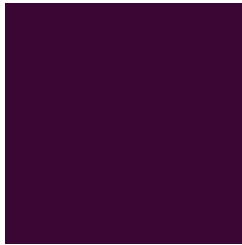
36.7420, 21.8192, 48.4613



87.5970, 52.4567, 115.2404

Previews

White Background



This preview shows how the YUV color 27.3790, 12.1382, 26.8546 looks on a white background.

Color Contrast Check

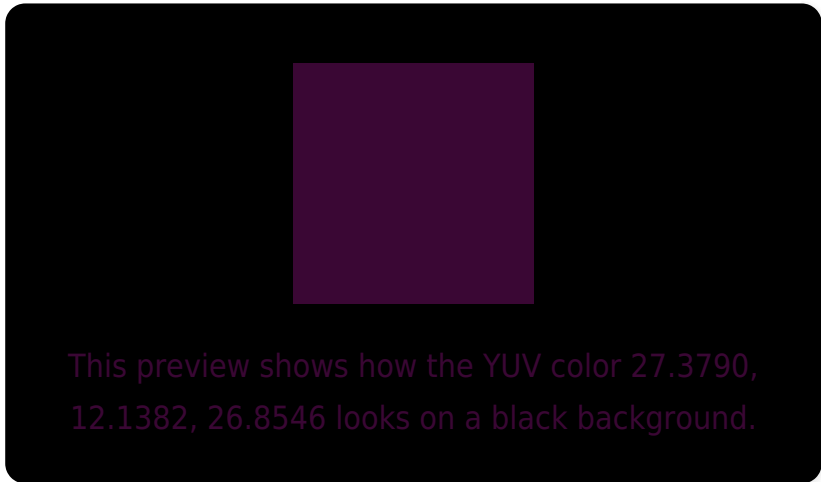
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3790, 12.1382, 26.8546

Background



This preview shows how black text looks on a background with the YUV color 27.3790, 12.1382, 26.8546.



This preview shows how white text looks on a background with the YUV color 27.3790, 12.1382,

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

27.3790, 12.1382, 26.8546

Protanopia

26.4220, 20.0050, -23.1721

Deuteranopia

32.7310, 8.0206, -5.9031



Tritanopia

31.2800, -4.5750, 20.8024

Trichromacy



Original Color

27.3790, 12.1382, 26.8546

Protanomaly

26.8480, 17.3299, -5.1287

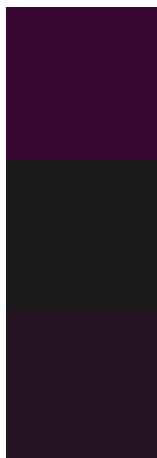
Deuteranomaly

31.1500, 9.2931, 6.0075

Tritanomaly

29.8980, 1.5293, 22.8915

Monochromacy



Original Color

27.3790, 12.1382, 26.8546

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.2060, 4.3354, 9.4663

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.3790, 12.1382, 26.8546 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, 7, 52)` looks like.

```
.text, #text, p{  
    color:rgb(58, 7, 52)  
}
```

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, 7, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 7, 52) }
```

Border

The CSS property to change the border of an element to YUV 27.3790, 12.1382, 26.8546 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, 7, 52) }
```


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

```
.border{ border-color:rgb(58, 7, 52) }
```

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

Here you see how a box with a 4 pixel rgb(58, 7, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 7, 52); -webkit-box-shadow:4px  
4px 4px 4px rgb(58, 7, 52); box-shadow:4px  
4px 4px 4px rgb(58, 7, 52) }
```

Background

The CSS property to change the background color of an element to YUV 27.3790, 12.1382, 26.8546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 7, 52) }
```

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

```
.background{ background-color: rgb(58, 7,  
52) }
```

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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