

Converting Colors

YUV(38.2240, 27.4976, 47.1616)

Have a look what the booklet for
YUV(38.2240, 27.4976, 47.1616)
contains.

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Color

**YUV(38.2240, 27.4976,
47.1616)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 5C005E |
| RGB | 92, 0, 94 |
| RGB Percent | 36%, 0%, 37% |
| CMY | 0.6392, 1.0000, 0.6314 |
| CMYK | 0.02, 1.00, 0.00, 0.63 |
| HSL | 299°, 100%, 18% |
| HSV | 299°, 100%, 37% |
| XYZ | 6.4340, 3.0835, 10.8457 |
| YIQ | 38.2240, 24.6580, 48.7380 |

Conversions

Conversions Part 2

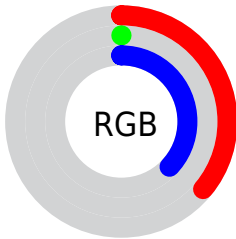
| Format | Color |
|-------------------------------------|--|
| RYB | 92, 0, 94 |
| Decimal | 6029406 |
| CIELab | 20.38, 46.99, -29.99 |
| CIElCh | 20, 55.744, 327.447 |
| Yxy | 3.0835, 0.3160, 0.1514 |
| Android (android.graphics.Color) | 4284219486 (0xFF5C005E) |
| YUV | 38.2240, 27.4976, 47.1616 |
| Hunter-Lab | 17.5598, 34.6738, -24.3284 |

Details

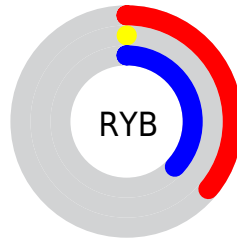
The YUV color **38.2240, 27.4976, 47.1616** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **55.7760, -27.4976, -47.1616**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.6920, 24.3088, 43.2431**, and **18.9270, 14.3330, 22.8660** is the 20% darker color. If you saturate the color by 10%, you get **38.2240, 27.4976, 47.1616**, and if you desaturate by 10%, it is **43.5070, 24.8930, 42.5284**.

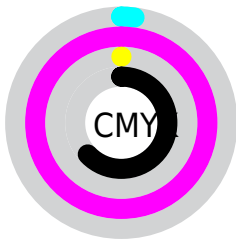
Distribution



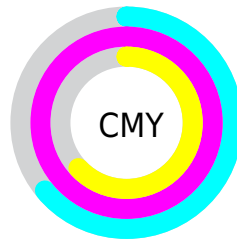
- Red (36%)
- Green (0%)
- Blue (37%)



- Red (36%)
- Yellow (0%)
- Blue (37%)



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (63%)



- Cyan (64%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.2240, 27.4976, 47.1616 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 38.2240, 27.4976, 47.1616 by changing the saturation by 10% instead.

■ 38.2240, 27.4976,
47.1616

■ 38.2240, 27.4976,
47.1616

■ 253.8260, 0.5788,
1.0296

■ 27.7140, 20.8470,
33.5768

■ 95.6920, 24.3088,
43.2431

■ 18.9270, 14.3330,
22.8660

■ 122.4040, 24.4508,
44.3727

■ 2.8500, 10.9200,
-2.4994

■ 149.7030, 24.3034,
44.9875


■ 0.0000, 0.0000,
0.0000


■ 176.8280, 24.7348,
46.6318


■ 203.9310, 25.1770,
44.7875


■ 220.3670, 17.0741,


30.3731


 236.8030, 8.9711,
15.9588


 38.2240, 27.4976,
47.1616

 43.5070, 24.8930,
42.5284

 49.3770, 21.9991,
37.3804

 54.9590, 19.2472,
33.3620

 60.8290, 16.3533,
28.2140

 66.1120, 13.7488,
23.5808

■ 71.3950, 11.1443,
18.9476

■ 77.2650, 8.2504,
13.7996

■ 82.8470, 5.4984,
9.7812

■ 88.7170, 2.6045,
4.6332

Harmonies

Analogous

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



43.1830, 39.3498, -21.2085



38.2240, 27.4976, 47.1616



40.6550, 7.0721, 65.2006

Triad

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



38.2240, 27.4976, 47.1616



47.0240, -23.1828, 15.7650



47.9590, 18.7542, -42.0600

Complementary

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



38.2240, 27.4976, 47.1616



55.7760, -27.4976, -47.1616

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.



42.5840, 0.6981, -37.3462



38.2240, 27.4976, 47.1616



40.0370, -19.7382, -15.8184

Square

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



38.2240, 27.4976, 47.1616



42.7810, -21.0910, 44.9191



36.3940, -17.9422, -31.9175



50.5470, 33.7473, -44.3297

Rectangle

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



38.2240, 27.4976, 47.1616



37.8760, -4.8689, 68.5147



36.3940, -17.9422, -31.9175



46.4770, 13.0758, -40.7603

Sweetspot

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



38.2240, 27.4976, 47.1616



100.8680, 10.4181, 18.5328



12.4770, 40.1908, -10.9423



48.0860, 6.3666, 11.3256



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.



38.2240, 27.4976, 47.1616



49.7880, 35.6005, 61.5759



33.8060, 7.9836, 52.7901



43.0650, 1.4470, 2.5740



44.5330, 32.2752, 54.7836



96.3860, 69.3227, 118.9335

Inverse Universe

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



28.3340, -12.9827, 57.5891



36.8200, -16.6733, 74.7029



60.1940, -7.9836, -52.7901



42.4950, -0.7370, 3.0739



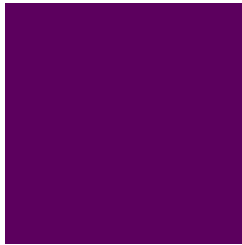
33.1180, -15.3412, 67.4255



71.4330, -32.7515, 145.2023

Previews

White Background



This preview shows how the YUV color 38.2240, 27.4976, 47.1616 looks on a white background.

Color Contrast Check

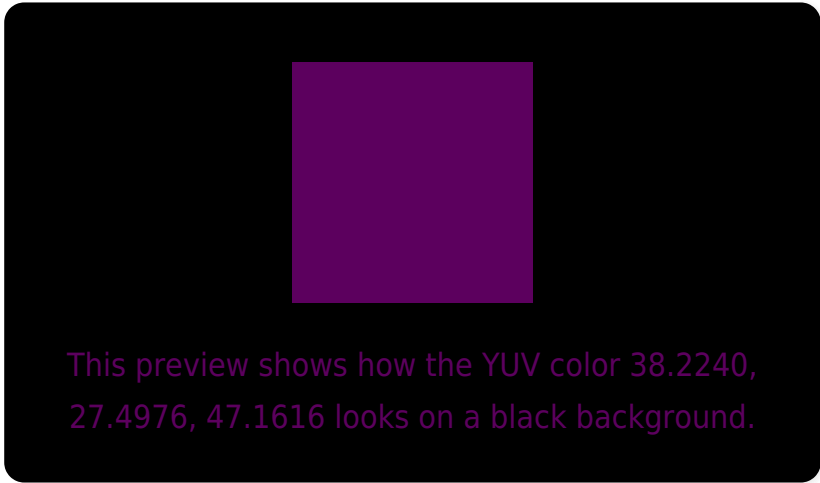
Large Text (above 18pt) WCAG AA ✓ Pass

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

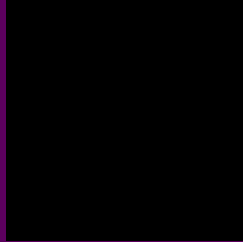
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.2240, 27.4976, 47.1616

Background



This preview shows how black text looks on a background with the YUV color 38.2240, 27.4976, 47.1616.



This preview shows how white text looks on a background with the YUV color 38.2240, 27.4976,

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

42.2490, 32.4152, -37.0524

Deuteranopia

49.8140, 18.8257, -18.2539

Tritanopia

51.8790, -6.3493, 29.9241

Trichromacy



Protanomaly

40.3930, 30.8653, -6.4837

Deuteranomaly

45.7660, 21.8074, 5.4672

Tritanomaly

47.1260, 5.8539, 35.8465

Monochromacy



Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.0420, 9.8393, 17.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.2240, 27.4976, 47.1616 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(92, 0, 94)` looks like.

```
.text, #text, p{  
    color:rgb(92, 0, 94)  
}
```

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(92, 0, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 0, 94) }
```

Border

The CSS property to change the border of an element to YUV 38.2240, 27.4976, 47.1616 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(92, 0, 94) }
```

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

```
.border{ border-color:rgb(92, 0, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 0, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 0, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(92, 0, 94); box-shadow:4px  
4px 4px 4px rgb(92, 0, 94) }
```


Background

The CSS property to change the background color of an element to YUV 38.2240, 27.4976, 47.1616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 0, 94) }
```

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

```
.background{ background-color: rgb(92, 0,  
94) }
```

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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