

Converting Colors

YUV(34.2940, 27.9561, 40.0842)

Have a look what the booklet for
YUV(34.2940, 27.9561, 40.0842)
contains.

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Color

**YUV(34.2940, 27.9561,
40.0842)**

Conversions

Conversions Part 1

Format	Color
Hex	50005B
RGB	80, 0, 91
RGB Percent	31%, 0%, 36%
CMY	0.6863, 1.0000, 0.6431
CMYK	0.12, 1.00, 0.00, 0.64
HSL	293°, 100%, 18%
HSV	293°, 100%, 36%
XYZ	5.1966, 2.4608, 10.0986
YIQ	34.2940, 18.4690, 45.2610

Conversions

Conversions Part 2

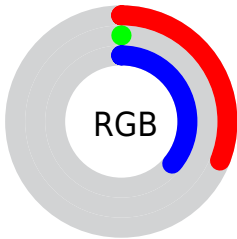
Format	Color
R_{YB}	80, 0, 91
Decimal	5242971
CIE _{Lab}	17.74, 44.34, -32.36
CIE _{LCh}	18, 54.890, 323.878
Yxy	2.4608, 0.2927, 0.1386
Android (android.graphics.Color)	4283433051 (0xFF50005B)
YUV	34.2940, 27.9561, 40.0842
Hunter-Lab	15.6870, 31.6793, -27.1876

Details

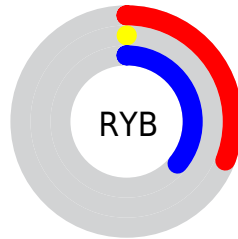
The YUV color **34.2940, 27.9561, 40.0842** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **56.7060, -27.9561, -40.0842**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.7020, 25.7829, 37.0953**, and **14.9970, 14.7915, 15.7886** is the 20% darker color. If you saturate the color by 10%, you get **34.2940, 27.9561, 40.0842**, and if you desaturate by 10%, it is **39.8760, 25.2041, 36.0657**.

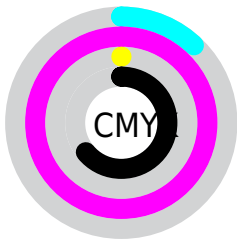
Distribution



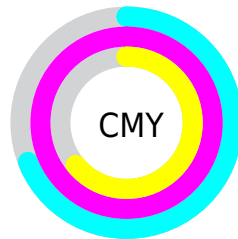
- Red (31%)
- Green (0%)
- Blue (36%)



- Red (31%)
- Yellow (0%)
- Blue (36%)



- Cyan (12%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (69%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.2940, 27.9561, 40.0842 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 34.2940, 27.9561, 40.0842 by changing the saturation by 10% instead.

■ 34.2940, 27.9561,
40.0842

■ 34.2940, 27.9561,
40.0842

■ 250.8910, 2.0257,
3.6036

■ 24.0830, 21.1581,
27.1142

■ 89.7020, 25.7829,
37.0953

■ 14.9970, 14.7915,
15.7886

■ 116.3000, 25.4881,
38.3249

■ 3.0950, 9.3202,
-2.7143

■ 143.1260, 26.0669,
39.3545

■ 0.0000, 0.0000,
0.0000


■ 169.9520, 26.6457,
40.3841


■ 197.7780, 27.2244,
41.4137


■ 217.4320, 18.5210,


32.9471


 233.8680, 10.4181,
18.5328


 34.2940, 27.9561,
40.0842

 39.8760, 25.2041,
36.0657

 45.4580, 22.4522,
32.0473

 51.0400, 19.7003,
28.0289

 56.6220, 16.9484,
24.0105

 63.0900, 13.7596,
20.0921

■ 68.6720, 11.0077,
16.0737

■ 74.2540, 8.2558,
12.0552

■ 79.8360, 5.5039,
8.0368

■ 85.4180, 2.7519,
4.0184

Harmonies

Analogous

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



35.1710, 40.8347, -30.8450



34.2940, 27.9561, 40.0842



37.4370, 7.6726, 59.2528

Triad

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



34.2940, 27.9561, 40.0842



41.4310, -20.4255, 18.0390



42.5960, 15.9752, -37.3567

Complementary

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



34.2940, 27.9561, 40.0842



56.7060, -27.9561, -40.0842

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.



37.9220, -1.9335, -33.2576



34.2940, 27.9561, 40.0842



35.9280, -17.7125, -12.2149

Square

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



34.2940, 27.9561, 40.0842



35.4160, -17.4601, 46.9932



32.2850, -15.9165, -28.3139



45.7710, 30.6789, -40.1412

Rectangle

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



34.2940, 27.9561, 40.0842



35.4840, -3.6896, 63.5965



32.2850, -15.9165, -28.3139



41.1140, 10.2968, -36.0570

Sweetspot

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



34.2940, 27.9561, 40.0842



95.2590, 10.7183, 15.5589



17.4180, 36.2759, -15.2756



45.7760, 6.5194, 8.9664



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



34.2940, 27.9561, 40.0842



44.1350, 35.9224, 51.6246



33.8210, 11.9202, 50.1460



42.7660, 1.5944, 1.9592



41.2440, 33.8967, 48.0210



89.2100, 72.8605, 104.1788

Inverse Universe

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



28.4630, -8.6093, 54.8449



36.5790, -11.1314, 70.5292



57.1790, -11.9202, -50.1460



42.6090, -0.3002, 2.9739



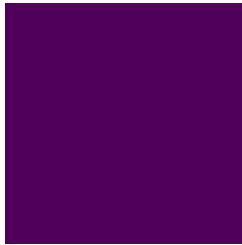
34.3720, -10.5364, 66.3258



74.1690, -22.2683, 142.8028

Previews

White Background



This preview shows how the YUV color 34.2940, 27.9561, 40.0842 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

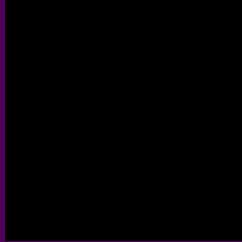
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.2940, 27.9561, 40.0842

Background



This preview shows how black text looks on a background with the YUV color 34.2940, 27.9561, 40.0842.



This preview shows how white text looks on a background with the YUV color 34.2940, 27.9561,

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

38.0600, 29.0574, -33.3786

Deuteranopia

39.7740, 22.7894, -29.6198

Tritanopia

47.2910, -4.5805, 22.5468

Trichromacy



Protanomaly

36.5240, 28.8287, -6.5985

Deuteranomaly

38.0960, 24.6027, -4.4692

Tritanomaly

42.7230, 7.0386, 29.1839

Monochromacy



Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.4330, 10.1395, 14.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.2940, 27.9561, 40.0842 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(80, 0, 91)` looks like.

```
.text, #text, p{  
    color:rgb(80, 0, 91)  
}
```

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(80, 0, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 0, 91) }
```

Border

The CSS property to change the border of an element to YUV 34.2940, 27.9561, 40.0842 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(80, 0, 91) }
```

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

```
.border{ border-color:rgb(80, 0, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 0, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 0, 91); -webkit-box-shadow:4px  
4px 4px 4px rgb(80, 0, 91); box-shadow:4px  
4px 4px 4px rgb(80, 0, 91) }
```


Background

The CSS property to change the background color of an element to YUV 34.2940, 27.9561, 40.0842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 0, 91) }
```

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

```
.background{ background-color: rgb(80, 0,  
91) }
```

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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