

Converting Colors

YUV(56.3940, 29.8788, 76.8305)

Have a look what the booklet for
YUV(56.3940, 29.8788, 76.8305)
contains.

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Color

**YUV(56.3940, 29.8788,
76.8305)**

Conversions

Conversions Part 1

Format	Color
Hex	900075
RGB	144, 0, 117
RGB Percent	56%, 0%, 46%
CMY	0.4353, 1.0000, 0.5412
CMYK	0.00, 1.00, 0.19, 0.44
HSL	311°, 100%, 28%
HSV	311°, 100%, 56%
XYZ	14.7125, 7.2136, 17.4466
YIQ	56.3940, 48.2670, 66.9150

Conversions

Conversions Part 2

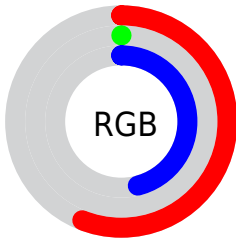
Format	Color
RYB	144, 0, 117
Decimal	9437301
CIELab	32.29, 60.32, -25.37
CIELCh	32, 65.443, 337.188
Yxy	7.2136, 0.3737, 0.1832
Android (android.graphics.Color)	4287627381 (0xFF900075)
YUV	56.3940, 29.8788, 76.8305
Hunter-Lab	26.8582, 50.7774, -19.7128

Details

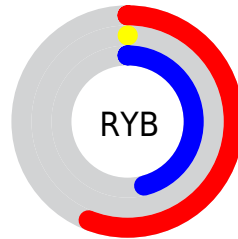
The YUV color **56.3940, 29.8788, 76.8305** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **87.6060, -29.8788, -76.8305**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.3900, 22.4857, 68.0640**, and **34.3630, 16.5830, 47.9166** is the 20% darker color. If you saturate the color by 10%, you get **56.3940, 29.8788, 76.8305**, and if you desaturate by 10%, it is **64.9540, 27.1377, 69.3233**.

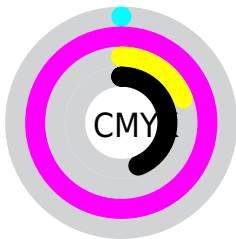
Distribution



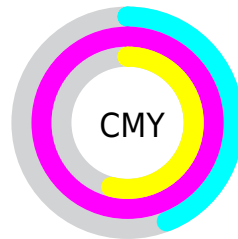
- Red (56%)
- Green (0%)
- Blue (46%)



- Red (56%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.3940, 29.8788, 76.8305 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 56.3940, 29.8788, 76.8305 by changing the saturation by 10% instead.

■ 56.3940, 29.8788,
76.8305

■ 56.3940, 29.8788,
76.8305

■ 255.0000, 0.0000,
0.0000

■ 45.1720, 23.0862,
62.1162

■ 123.3900, 22.4857,
68.0640

■ 34.3630, 16.5830,
47.9166

■ 151.9880, 22.1909,
69.2935

■ 24.0810, 10.8061,
34.1320

■ 178.7920, 22.7805,
66.8344

■ 13.2010, 5.3239,
19.1177

■ 198.5340, 27.3447,
49.5207

■ 0.0000, 0.0000,
0.0000

■ 215.6710, 19.3892,
34.4915

■ 232.6940, 10.9969,

19.5624

249.7170, 2.6045,
4.6332

56.3940, 29.8788,
76.8305

64.9540, 27.1377,
69.3233

73.9870, 23.6704,
61.4014

82.5470, 20.9293,
53.8943

91.6940, 17.8989,
45.8724

100.2540, 15.1578,
38.3652

■ 108.7000, 11.9799,
30.9581

■ 117.8470, 8.9494,
22.9362

■ 126.4070, 6.2083,
15.4291

■ 135.4400, 2.7411,
7.5071

Harmonies

Analogous

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



75.8370, 40.9994, 9.7900



56.3940, 29.8788, 76.8305



55.9620, 4.9487, 92.9953

Triad

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



56.3940, 29.8788, 76.8305



70.6030, -34.8073, 10.8722



72.0840, 32.4966, -63.2177

Complementary

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



56.3940, 29.8788, 76.8305



87.6060, -29.8788, -76.8305

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.



66.3840, 10.6567, -58.2188



56.3940, 29.8788, 76.8305



57.6250, -28.4091, -34.7511

Square

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



56.3940, 29.8788, 76.8305



70.5350, -34.7738, 46.8888



58.8260, -13.2252, -51.5904



73.6120, 48.5053, -64.5577

Rectangle

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



56.3940, 29.8788, 76.8305



51.3030, -9.0234, 94.4503



58.8260, -13.2252, -51.5904



70.8470, 25.2184, -62.1328

Sweetspot

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



56.3940, 29.8788, 76.8305



151.9880, 11.8379, 29.8285



24.1900, 59.0663, 1.5874



73.3580, 7.2185, 18.1030



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



56.3940, 29.8788, 76.8305



72.8280, 38.5388, 99.2518



48.3000, -1.1339, 83.9289



66.7770, 1.5889, 3.7036



52.9050, 28.1478, 71.9973



3.0760, 1.4415, 4.3183

Inverse Universe

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



56.3940, 29.8788, 76.8305



72.8280, 38.5388, 99.2518



95.7000, 1.1339, -83.9289



66.7770, 1.5889, 3.7036



52.9050, 28.1478, 71.9973



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 56.3940, 29.8788, 76.8305 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

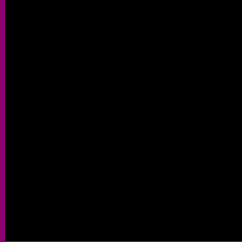
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.3940, 29.8788, 76.8305

Background



This preview shows how black text looks on a background with the YUV color 56.3940, 29.8788, 76.8305.



This preview shows how white text looks on a background with the YUV color 56.3940, 29.8788,

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

63.0800, 48.7676, -55.3212

Deuteranopia

78.9570, 15.3042, -8.7323

Tritanopia

73.8500, -12.2510, 56.2596

Trichromacy



Protanomaly

60.3680, 42.2166, -7.3387

Deuteranomaly

70.9360, 20.7376, 21.9811

Tritanomaly

67.3190, 3.2937, 63.7412

Monochromacy



Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.3360, 10.6804, 27.7693

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.3940, 29.8788, 76.8305 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(144, 0, 117)` looks like.

```
.text, #text, p{  
    color:rgb(144, 0, 117)  
}
```

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(144, 0, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 0, 117) }
```

Border

The CSS property to change the border of an element to YUV 56.3940, 29.8788, 76.8305 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(144, 0, 117) }
```

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

```
.border{ border-color:rgb(144, 0, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 0, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 0, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 0, 117);  
box-shadow:4px 4px 4px 4px rgb(144, 0,  
117) }
```


Background

The CSS property to change the background color of an element to YUV 56.3940, 29.8788, 76.8305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 0, 117) }
```

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

```
.background{ background-color: rgb(144, 0,  
117) }
```

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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