

Converting Colors

YUV(58.9600, 27.6277, 5.2971)

Have a look what the booklet for
YUV(58.9600, 27.6277, 5.2971)
contains.

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Color

**YUV(58.9600, 27.6277,
5.2971)**

Conversions

Conversions Part 1

Format	Color
Hex	412D73
RGB	65, 45, 115
RGB Percent	25%, 18%, 45%
CMY	0.7451, 0.8235, 0.5490
CMYK	0.43, 0.61, 0.00, 0.55
HSL	257°, 44%, 31%
HSV	257°, 61%, 45%
XYZ	6.2129, 4.2384, 16.7103
YIQ	58.9600, -10.5500, 26.0100

Conversions

Conversions Part 2

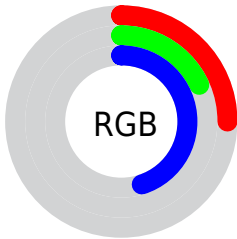
Format	Color
R_{YB}	65, 45, 115
Decimal	4271475
CIE _{Lab}	24.44, 27.08, -37.35
CIE _{LCh}	24, 46.134, 305.949
Yxy	4.2384, 0.2287, 0.1560
Android (android.graphics.Color)	4282461555 (0xFF412D73)
YUV	58.9600, 27.6277, 5.2971
Hunter-Lab	20.5874, 17.8400, -33.7132

Details

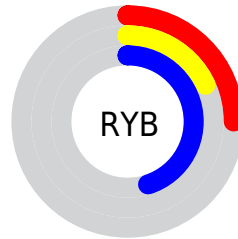
The YUV color **58.9600, 27.6277, 5.2971** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **101.0400, -27.6277, -5.2971**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.1390, 29.5115, 7.7711**, and **11.4110, 26.9124, 1.3936** is the 20% darker color. If you saturate the color by 10%, you get **49.5240, 32.2797, 6.5565**, and if you desaturate by 10%, it is **68.3960, 22.9758, 4.0377**.

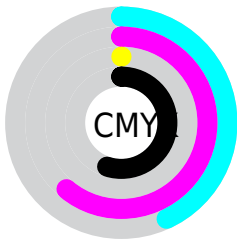
Distribution



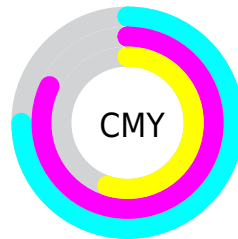
- Red (25%)
- Green (18%)
- Blue (45%)



- Red (25%)
- Yellow (18%)
- Blue (45%)



- Cyan (43%)
- Magenta (61%)
- Yellow (0%)
- Black (55%)



- Cyan (75%)
- Magenta (82%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.9600, 27.6277, 5.2971 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 58.9600, 27.6277, 5.2971 by changing the saturation by 10% instead.

■ 58.9600, 27.6277,
5.2971

■ 58.9600, 27.6277,
5.2971

■ 255.0000, 0.0000,
0.0000

■ 35.7210, 26.7595,
3.7527

■ 108.1390, 29.5115,
7.7711

■ 11.4110, 26.9124,
1.3936

■ 133.0790, 30.5271,
8.7007

■ 5.4890, 18.4929,
-4.8139

■ 159.6060, 31.2532,
9.1155

■ 3.0950, 9.3202,
-2.7143

■ 187.1330, 31.9794,
9.5304

■ 0.0000, 0.0000,
0.0000

■ 211.9950, 21.2015,
13.1594

■ 236.8030, 8.9711,

15.9588

253.8260, 0.5788,
1.0296

■ 58.9600, 27.6277,
5.2971

■ 58.9600, 27.6277,
5.2971

■ 49.5240, 32.2797,
6.5565

■ 68.3960, 22.9758,
4.0377

■ 40.6750, 36.6422,
7.3010

■ 77.2450, 18.6132,
3.2931

■ 30.9400, 41.4416,
7.9456

■ 86.9800, 13.8139,
2.6485

■ 22.9770, 45.3673,
8.7902

■ 95.8290, 9.4513,
1.9040

■ 105.2650, 4.7994,
0.6446

■ 114.1140, 0.4368,
-0.1000

■ 123.8490, -4.3626,
-0.7446

■ 132.6980, -8.7251,
-1.4891

■ 141.5470,
-13.0877, -2.2337

Harmonies

Analogous

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



49.8120, 38.5467, -43.6851



58.9600, 27.6277, 5.2971



54.5150, 16.0151, 43.3983

Triad

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



58.9600, 27.6277, 5.2971



54.5210, -26.8789, 34.6231



50.1470, 6.8295, -43.9789

Complementary

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



58.9600, 27.6277, 5.2971



101.0400, -27.6277, -5.2971

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.



44.8690, -8.3164, -39.3501



58.9600, 27.6277, 5.2971



54.3670, -26.8029, 10.2021

Square

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



58.9600, 27.6277, 5.2971



50.9160, -15.7346, 53.5707



47.7010, -23.5166, -17.2778



53.4360, 21.9701, -46.8634

Rectangle

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



58.9600, 27.6277, 5.2971



46.9640, 8.3987, 59.6676



47.7010, -23.5166, -17.2778



48.1920, 1.8773, -42.2644

Sweetspot

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



58.9600, 27.6277, 5.2971



128.4700, 10.6143, 2.2188



82.3300, 16.1063, -32.7384



63.1340, 6.8359, 0.7595



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



58.9600, 27.6277, 5.2971



62.6950, 43.0414, 8.1605



69.4250, 22.4685, 26.8143



53.9830, 2.4734, 0.0149



24.3730, 48.1301, 9.3199



49.7290, 98.7336, 18.6547

Inverse Universe

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



71.6300, 11.5214, 38.0355



82.4830, 18.0029, 59.2124



90.5750, -22.4685, -26.8143



55.2500, 0.8628, 3.2888



46.3960, 20.0178, 66.3047



95.1560, 41.3351, 135.7982

Previews

White Background



This preview shows how the YUV color 58.9600, 27.6277, 5.2971 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



This preview shows how the YUV color 58.9600, 27.6277, 5.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

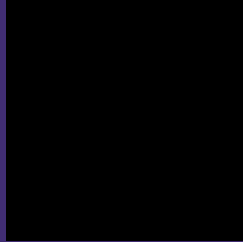
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.9600, 27.6277, 5.2971

Background



This preview shows how black text looks on a background with the YUV color 58.9600, 27.6277, 5.2971.



This preview shows how white text looks on a background with the YUV color 58.9600, 27.6277,

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

58.9600, 27.6277, 5.2971

Protanopia

46.5520, 36.2099, -40.8261

Deuteranopia

47.0760, 28.0635, -41.2857



Tritanopia

57.4770, 3.2158, -4.8033

Trichromacy



Original Color

58.9600, 27.6277, 5.2971

Protanomaly

51.1520, 32.9561, -23.8123

Deuteranomaly

51.7730, 27.7199, -24.3569

Tritanomaly

58.2030, 12.2249, -1.0550

Monochromacy



Original Color

58.9600, 27.6277, 5.2971

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9430, 9.8881, 1.8040

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.9600, 27.6277, 5.2971 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(65, 45, 115)` looks like.

```
.text, #text, p{  
    color:rgb(65, 45, 115)  
}
```

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(65, 45, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 45, 115) }
```

Border

The CSS property to change the border of an element to YUV 58.9600, 27.6277, 5.2971 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(65, 45, 115) }
```


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

```
.border{ border-color:rgb(65, 45, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 45, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 45, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 45, 115);  
box-shadow:4px 4px 4px 4px rgb(65, 45,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 58.9600, 27.6277, 5.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 45, 115) }
```

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

```
.background{ background-color: rgb(65, 45,  
115) }
```

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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