

Converting Colors

YUV(54.8460, 27.1909, 5.3971)

Have a look what the booklet for
YUV(54.8460, 27.1909, 5.3971)
contains.

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Color

**YUV(54.8460, 27.1909,
5.3971)**

Conversions

Conversions Part 1

Format	Color
Hex	3D296E
RGB	61, 41, 110
RGB Percent	24%, 16%, 43%
CMY	0.7608, 0.8392, 0.5686
CMYK	0.45, 0.63, 0.00, 0.57
HSL	257°, 46%, 30%
HSV	257°, 63%, 43%
XYZ	5.5319, 3.7038, 15.1752
YIQ	54.8460, -10.2290, 25.6990

Conversions

Conversions Part 2

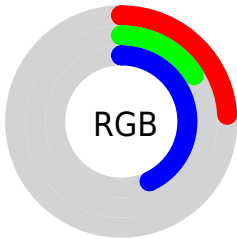
Format	Color
R_{YB}	61, 41, 110
Decimal	4008302
CIE _{Lab}	22.67, 27.10, -37.03
CIE _{LCh}	23, 45.885, 306.200
Yxy	3.7038, 0.2266, 0.1517
Android (android.graphics.Color)	4282198382 (0xFF3D296E)
YUV	54.8460, 27.1909, 5.3971
Hunter-Lab	19.2452, 17.6294, -33.2797

Details

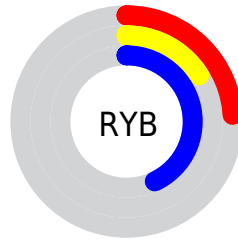
The YUV color **54.8460, 27.1909, 5.3971** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **96.1540, -27.1909, -5.3971**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.0250, 29.0747, 7.8711**, and **10.6560, 25.3126, 1.1787** is the 20% darker color. If you saturate the color by 10%, you get **45.9970, 31.5535, 6.1416**, and if you desaturate by 10%, it is **63.6950, 22.8284, 4.6525**.

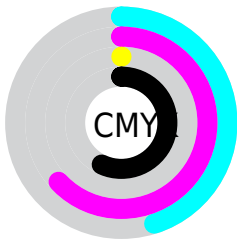
Distribution



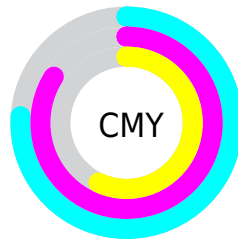
- Red (24%)
- Green (16%)
- Blue (43%)



- Red (24%)
- Yellow (16%)
- Blue (43%)



- Cyan (45%)
- Magenta (63%)
- Yellow (0%)
- Black (57%)



- Cyan (76%)
- Magenta (84%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.8460, 27.1909, 5.3971 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 54.8460, 27.1909, 5.3971 by changing the saturation by 10% instead.

■ 54.8460, 27.1909,
5.3971

■ 54.8460, 27.1909,
5.3971

■ 255.0000, 0.0000,
0.0000

■ 32.1940, 26.0334,
3.3379

■ 103.0250, 29.0747,
7.8711

■ 10.6560, 25.3126,
1.1787

■ 128.9650, 30.0903,
8.8007

■ 6.2070, 16.1669,
-5.4435

■ 155.4920, 30.8164,
9.2155

■ 2.4110, 6.6994,
-2.1144

■ 182.3180, 31.3952,
10.2451

■ 0.0000, 0.0000,
0.0000

■ 207.5650, 23.3855,
12.6595

■ 232.6720, 11.0077,

16.0737

250.8910, 2.0257,
3.6036

54.8460, 27.1909,
5.3971

54.8460, 27.1909,
5.3971

45.9970, 31.5535,
6.1416

63.6950, 22.8284,
4.6525

37.1480, 35.9160,
6.8862

72.5440, 18.4658,
3.9079

28.5980, 40.1312,
8.2456

81.0940, 14.2507,
2.5486

22.1080, 43.3308,
8.6753

89.9430, 9.8881,
1.8040

98.7920, 5.5255,
1.0594

■ 107.6410, 1.1630,
0.3148

■ 116.4900, -3.1996,
-0.4297

■ 125.0400, -7.4147,
-1.7891

■ 133.8890,
-11.7773, -2.5337

Harmonies

Analogous

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



47.4810, 37.2309, -41.6408



54.8460, 27.1909, 5.3971



49.5150, 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.



54.8460, 27.1909, 5.3971



51.2650, -25.2736, 33.0936



46.8700, 6.9661, -41.1050

Complementary

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



54.8460, 27.1909, 5.3971



96.1540, -27.1909, -5.3971

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.



42.0650, -8.9060, -36.8910



54.8460, 27.1909, 5.3971



50.5240, -24.9083, 9.1875

Square

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



54.8460, 27.1909, 5.3971



46.0300, -15.2978, 53.4707



44.1570, -21.7694, -17.6777



50.6320, 21.3804, -44.4043

Rectangle

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



54.8460, 27.1909, 5.3971



40.9040, 9.4143, 60.5972



44.1570, -21.7694, -17.6777



45.5020, 1.7245, -39.9053

Sweetspot

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



54.8460, 27.1909, 5.3971



121.4700, 10.6143, 2.2188



77.6290, 15.9589, -32.1236



58.3190, 6.2517, 1.4742



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



54.8460, 27.1909, 5.3971



57.4670, 42.1678, 8.3604



65.0120, 22.1791, 26.2995



51.2820, 2.3260, 0.6297



24.1450, 47.2565, 9.5198



49.6860, 97.2758, 19.5694

Inverse Universe

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



67.2170, 11.2320, 37.5207



76.6570, 17.4241, 58.1828



85.9880, -22.1791, -26.2995



52.2500, 0.8628, 3.2888



45.5700, 19.4390, 65.2751



93.9170, 40.4669, 134.2538

Previews

White Background



This preview shows how the YUV color 54.8460, 27.1909, 5.3971 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 54.8460, 27.1909, 5.3971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

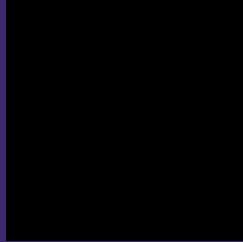
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.8460, 27.1909, 5.3971

Background



This preview shows how black text looks on a background with the YUV color 54.8460, 27.1909, 5.3971.



This preview shows how white text looks on a background with the YUV color 54.8460, 27.1909,

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

54.8460, 27.1909, 5.3971

Protanopia

43.7650, 33.1469, -38.3819

Deuteranopia

43.9300, 26.1635, -38.5266



Tritanopia

54.0640, 2.9264, -5.3181

Trichromacy



Original Color

54.8460, 27.1909, 5.3971

Protanomaly

47.9950, 31.0615, -22.7976

Deuteranomaly

48.1430, 26.5515, -22.9274

Tritanomaly

54.6760, 11.4987, -1.4699

Monochromacy



Original Color

54.8460, 27.1909, 5.3971

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9430, 9.8881, 1.8040

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.8460, 27.1909, 5.3971 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(61, 41, 110)` looks like.

```
.text, #text, p{  
    color:rgb(61, 41, 110)  
}
```

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(61, 41, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 41, 110) }
```

Border

The CSS property to change the border of an element to YUV 54.8460, 27.1909, 5.3971 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(61, 41, 110) }
```


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

```
.border{ border-color:rgb(61, 41, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 41, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 41, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 41, 110);  
box-shadow:4px 4px 4px 4px rgb(61, 41,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 54.8460, 27.1909, 5.3971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 41, 110) }
```

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

```
.background{ background-color: rgb(61, 41,  
110) }
```

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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