

Converting Colors

YUV(59.9660, 8.3978, 13.1848)

Have a look what the booklet for
YUV(59.9660, 8.3978, 13.1848)
contains.

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Color

**YUV(59.9660, 8.3978,
13.1848)**

Conversions

Conversions Part 1

Format	Color
Hex	4B314D
RGB	75, 49, 77
RGB Percent	29%, 19%, 30%
CMY	0.7059, 0.8078, 0.6980
CMYK	0.03, 0.36, 0.00, 0.70
HSL	296°, 22%, 25%
HSV	296°, 36%, 30%
XYZ	5.3395, 4.2283, 7.5559
YIQ	59.9660, 6.5080, 14.2200

Conversions

Conversions Part 2

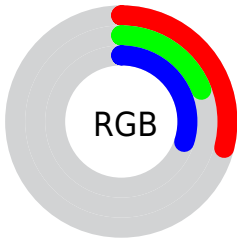
Format	Color
R_{YB}	75, 49, 77
Decimal	4927821
CIE Lab	24.41, 17.30, -12.51
CIE LCh	24, 21.353, 324.133
Yxy	4.2283, 0.3118, 0.2469
Android (android.graphics.Color)	4283117901 (0xFF4B314D)
YUV	59.9660, 8.3978, 13.1848
Hunter-Lab	20.5628, 10.3658, -7.3924

Details

The YUV color **59.9660, 8.3978, 13.1848** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **66.0340, -8.3978, -13.1848**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.7920, 8.9765, 14.2144**, and **15.3790, 8.6872, 13.6996** is the 20% darker color. If you saturate the color by 10%, you get **54.9710, 10.8603, 16.6884**, and if you desaturate by 10%, it is **64.9610, 5.9352, 9.6812**.

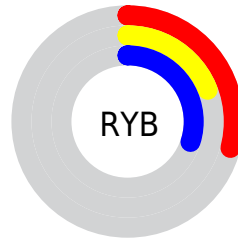
Distribution



Red (29%)

Green (19%)

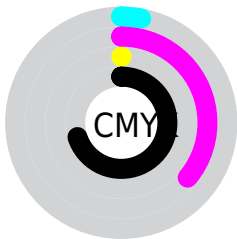
Blue (30%)



Red (29%)

Yellow (19%)

Blue (30%)

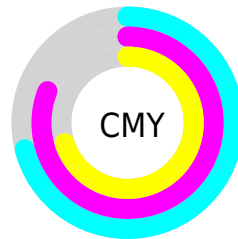


Cyan (3%)

Magenta (36%)

Yellow (0%)

Black (70%)



Cyan (71%)

Magenta (81%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.9660, 8.3978, 13.1848 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 59.9660, 8.3978, 13.1848 by changing the saturation by 10% instead.

■ 59.9660, 8.3978,
13.1848

■ 59.9660, 8.3978,
13.1848

■ 255.0000, 0.0000,
0.0000

■ 37.5530, 8.1084,
12.6700

■ 107.7920, 8.9765,
14.2144

■ 15.3790, 8.6872,
13.6996

■ 133.2050, 9.2659,
14.7292

■ 0.7980, 3.0576,
-0.6998

■ 159.0310, 9.8447,
15.7588

■ 0.0000, 0.0000,
0.0000

■ 186.3300, 9.6973,
16.3736

■ 214.3300, 9.6973,
16.3736

■ 239.7380, 7.5242,

13.3848

■ 59.9660, 8.3978,
13.1848

■ 59.9660, 8.3978,
13.1848

■ 54.9710, 10.8603,
16.6884

■ 64.9610, 5.9352,
9.6812

■ 50.8620, 12.8860,
20.2920

■ 69.0700, 3.9095,
6.0776

■ 45.8670, 15.3486,
23.7956

■ 74.0650, 1.4470,
2.5740

■ 41.1710, 17.6637,
27.9140

■ 78.7610, -0.8682,
-1.5444

■ 36.7630, 19.8368,
30.9028

■ 83.7560, -3.3307,
-5.0480

■ 32.0670, 22.1520,
35.0212

■ 87.8650, -5.3564,
-8.6516

■ 30.3060, 23.0201,
36.5656

■ 92.8600, -7.8190,
-12.1552

■ 97.5560, -10.1341,
-16.2736

■ 101.9640,
-12.3073, -19.2624

Harmonies

Analogous

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



58.6480, 13.9775, -3.1993



59.9660, 8.3978, 13.1848



59.1970, 1.3819, 23.5062

Triad

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



59.9660, 8.3978, 13.1848



57.0650, -15.3150, 12.2210



46.8360, 11.9129, -41.0752

Complementary

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



59.9660, 8.3978, 13.1848



66.0340, -8.3978, -13.1848

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.



47.2900, 3.3080, -34.4573



59.9660, 8.3978, 13.1848



55.4440, -13.5299, -0.3894

Square

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



59.9660, 8.3978, 13.1848



57.8150, -12.7268, 22.0872



52.7780, -6.7926, -14.7143



47.1440, 18.1700, -41.3453

Rectangle

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



59.9660, 8.3978, 13.1848



58.8400, -3.8651, 26.4503



52.7780, -6.7926, -14.7143



46.1520, 9.2921, -40.4753

Sweetspot

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



59.9660, 8.3978, 13.1848



93.1300, 2.8939, 5.1480



53.3660, 11.6516, -3.8290



46.8910, 2.0257, 3.6036



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



59.9660, 8.3978, 13.1848



72.8620, 12.8860, 20.2920



59.1960, 2.8614, 15.6141



35.6520, 1.1576, 2.0592



40.0330, 30.5497, 48.2061



89.9070, 69.0658, 107.9526

Inverse Universe

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



57.6000, -3.2538, 17.0138



69.1990, -5.0281, 26.1355



66.8040, -2.8614, -15.6141



35.3100, -0.1528, 2.3591



31.2960, -11.9779, 62.0074



70.5940, -26.9148, 139.7991

Previews

White Background



This preview shows how the YUV color 59.9660, 8.3978, 13.1848 looks on a white background.

Color Contrast Check

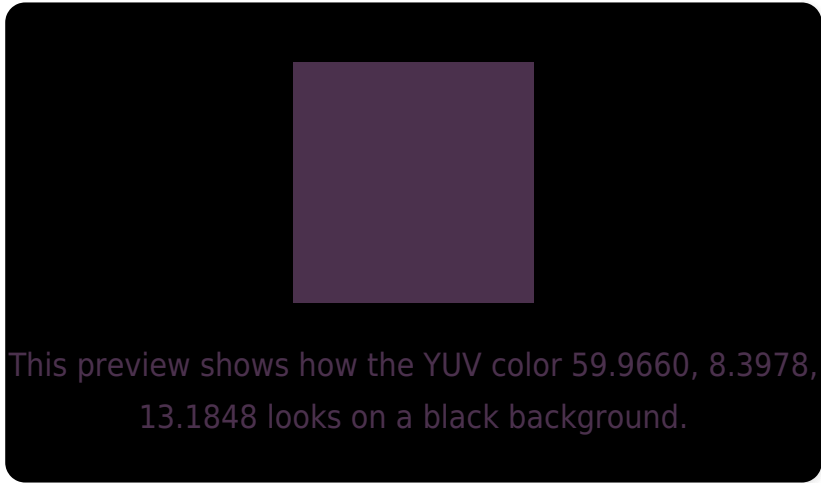
Large Text (above 18pt) WCAG AA ✓ Pass

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

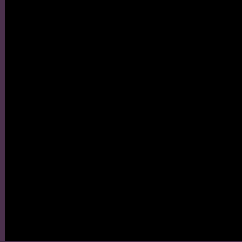
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.9660, 8.3978, 13.1848

Background



This preview shows how black text looks on a background with the YUV color 59.9660, 8.3978, 13.1848.



This preview shows how white text looks on a background with the YUV color 59.9660, 8.3978,

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

59.9660, 8.3978, 13.1848

Protanopia

57.9850, 12.8254, -7.0028

Deuteranopia

58.4540, 8.1572, -3.0292



Tritanopia

59.1370, -1.0535, 11.2809

Trichromacy



Original Color

59.9660, 8.3978, 13.1848

Protanomaly

58.5730, 11.0565, 0.3745

Deuteranomaly

58.9000, 8.4303, 2.7187

Tritanomaly

59.6470, 2.1460, 11.7106

Monochromacy



Original Color

59.9660, 8.3978, 13.1848

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.8310, 3.0413, 4.5332

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.9660, 8.3978, 13.1848 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(75, 49, 77)` looks like.

```
.text, #text, p{  
    color:rgb(75, 49, 77)  
}
```

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(75, 49, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 49, 77) }
```

Border

The CSS property to change the border of an element to YUV 59.9660, 8.3978, 13.1848 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(75, 49, 77) }
```


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

```
.border{ border-color:rgb(75, 49, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 49, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 49, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 49, 77);  
box-shadow:4px 4px 4px 4px rgb(75, 49, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.9660, 8.3978, 13.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 49, 77) }
```

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

```
.background{ background-color: rgb(75, 49,  
77) }
```

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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