

Converting Colors

YUV(59.9570, 22.2062, 17.5777)

Have a look what the booklet for
YUV(59.9570, 22.2062, 17.5777)
contains.

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Color

**YUV(59.9570, 22.2062,
17.5777)**

Conversions

Conversions Part 1

Format	Color
Hex	502969
RGB	80, 41, 105
RGB Percent	31%, 16%, 41%
CMY	0.6863, 0.8392, 0.5882
CMYK	0.24, 0.61, 0.00, 0.59
HSL	277°, 44%, 29%
HSV	277°, 61%, 41%
XYZ	6.6510, 4.3113, 13.8462
YIQ	59.9570, 2.7000, 28.1720

Conversions

Conversions Part 2

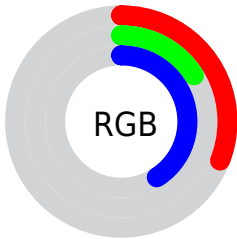
Format	Color
R_{YB}	80, 41, 105
Decimal	5253481
CIE _{Lab}	24.67, 30.72, -30.45
CIE _{LCh}	25, 43.249, 315.255
Yxy	4.3113, 0.2681, 0.1738
Android (android.graphics.Color)	4283443561 (0xFF502969)
YUV	59.9570, 22.2062, 17.5777
Hunter-Lab	20.7636, 20.8409, -25.0030

Details

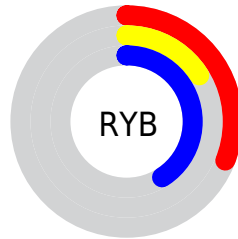
The YUV color **59.9570, 22.2062, 17.5777** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **86.0430, -22.2062, -17.5777**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.7230, 23.8006, 19.5369**, and **16.3650, 20.0331, 14.5889** is the 20% darker color. If you saturate the color by 10%, you get **52.3040, 25.9791, 20.7814**, and if you desaturate by 10%, it is **67.0230, 18.7227, 14.8888**.

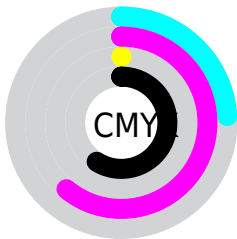
Distribution



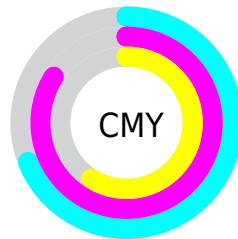
- Red (31%)
- Green (16%)
- Blue (41%)



- Red (31%)
- Yellow (16%)
- Blue (41%)



- Cyan (24%)
- Magenta (61%)
- Yellow (0%)
- Black (59%)



- Cyan (69%)
- Magenta (84%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.9570, 22.2062, 17.5777 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 59.9570, 22.2062, 17.5777 by changing the saturation by 10% instead.

■ 59.9570, 22.2062,
17.5777

■ 59.9570, 22.2062,
17.5777

■ 255.0000, 0.0000,
0.0000

■ 36.5440, 21.9168,
17.0629

■ 108.7230, 23.8006,
19.5369

■ 16.3650, 20.0331,
14.5889

■ 134.5490, 24.3793,
20.5665

■ 3.9900, 15.2879,
-3.4992

■ 161.0760, 25.1055,
20.9813

■ 1.1400, 4.3680,
-0.9998

■ 188.7880, 25.2475,
22.1109

■ 0.0000, 0.0000,
0.0000

■ 214.7190, 19.8585,
23.9254

■ 235.0420, 9.8393,

17.5032

252.0650, 1.4470,
2.5740

59.9570, 22.2062,
17.5777

59.9570, 22.2062,
17.5777

52.3040, 25.9791,
20.7814

67.0230, 18.7227,
14.8888

45.2380, 29.4627,
23.4703

74.6760, 14.9497,
11.6851

37.5850, 33.2356,
26.6740

82.3290, 11.1768,
8.4815

31.1060, 36.4297,
28.8480

89.3950, 7.6933,
5.7926

97.3470, 3.7729,
3.2037

■ 104.4130, 0.2894,
0.5148

■ 111.4790, -3.1941,
-2.1741

■ 119.1320, -6.9671,
-5.3778

■ 126.1980,
-10.4506, -8.0666

Harmonies

Analogous

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



47.3670, 36.7941, -41.5409



59.9570, 22.2062, 17.5777



54.4570, 10.6207, 46.9572

Triad

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



59.9570, 22.2062, 17.5777



55.6510, -27.4359, 26.6161



51.4010, 11.6343, -45.0787

Complementary

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



59.9570, 22.2062, 17.5777



86.0430, -22.2062, -17.5777

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.



46.9380, -2.9274, -41.1646



59.9570, 22.2062, 17.5777



53.7360, -26.4918, 3.7395

Square

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



59.9570, 22.2062, 17.5777



53.6070, -20.5123, 45.9487



44.9600, -19.7003, -28.0289



54.2340, 25.0276, -47.5632

Rectangle

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



59.9570, 22.2062, 17.5777



50.5200, 1.7156, 56.5490



44.9600, -19.7003, -28.0289



50.1470, 6.8295, -43.9789

Sweetspot

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



59.9570, 22.2062, 17.5777



120.3350, 8.7088, 6.7222



63.5580, 20.4309, -19.7834



58.4010, 5.2253, 4.0333



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



59.9570, 22.2062, 17.5777



66.7530, 35.1248, 27.4036



66.7480, 15.9002, 33.5470



49.5810, 2.1786, 1.2445



34.5670, 40.6395, 31.9517



72.4810, 85.0519, 67.1072

Inverse Universe

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



62.9860, 1.4859, 36.8463



71.6450, 2.1470, 58.1933



79.2520, -15.9002, -33.5470



50.0220, -0.0108, 3.4887



40.2270, 2.8461, 67.3299



84.1990, 5.8179, 141.0225

Previews

White Background



This preview shows how the YUV color 59.9570, 22.2062, 17.5777 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 59.9570, 22.2062, 17.5777 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 59.9570, 22.2062, 17.5777

Background



This preview shows how black text looks on a background with the YUV color 59.9570, 22.2062, 17.5777.



This preview shows how white text looks on a background with the YUV color 59.9570, 22.2062,

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

59.9570, 22.2062, 17.5777

Protanopia

47.2530, 36.3573, -41.4409

Deuteranopia

55.1060, 22.6257, -23.7720



Tritanopia

59.8380, -0.9061, 10.6661

Trichromacy



Original Color

59.9570, 22.2062, 17.5777

Protanomaly

51.7180, 31.1980, -19.9237

Deuteranomaly

56.7920, 22.2875, -8.5876

Tritanomaly

59.7380, 7.5242, 13.3848

Monochromacy



Original Color

59.9570, 22.2062, 17.5777

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.8080, 7.9827, 6.3074

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.9570, 22.2062, 17.5777 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, 41, 105)` looks like.

```
.text, #text, p{  
    color:rgb(80, 41, 105)  
}
```

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, 41, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 41, 105) }
```

Border

The CSS property to change the border of an element to YUV 59.9570, 22.2062, 17.5777 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, 41, 105) }
```


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

```
.border{ border-color:rgb(80, 41, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 41, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 41, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 41, 105);  
box-shadow:4px 4px 4px 4px rgb(80, 41,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 59.9570, 22.2062, 17.5777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 41, 105) }
```

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

```
.background{ background-color: rgb(80, 41,  
105) }
```

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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