

Converting Colors

YUV(59.7760, 6.5194, 8.9664)

Have a look what the booklet for
YUV(59.7760, 6.5194, 8.9664)
contains.

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Color

**YUV(59.7760, 6.5194,
8.9664)**

Conversions

Conversions Part 1

Format	Color
Hex	463449
RGB	70, 52, 73
RGB Percent	27%, 20%, 29%
CMY	0.7255, 0.7961, 0.7137
CMYK	0.04, 0.29, 0.00, 0.71
HSL	291°, 17%, 25%
HSV	291°, 29%, 29%
XYZ	4.9564, 4.2391, 6.8603
YIQ	59.7760, 3.9870, 10.3470

Conversions

Conversions Part 2

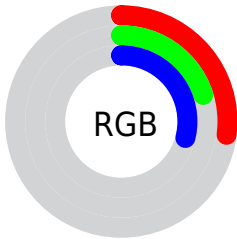
Format	Color
R_{YB}	70, 52, 73
Decimal	4600905
CIE _{Lab}	24.45, 12.46, -9.85
CIE _{LCh}	24, 15.883, 321.681
Yxy	4.2391, 0.3087, 0.2640
Android (android.graphics.Color)	4282790985 (0xFF463449)
YUV	59.7760, 6.5194, 8.9664
Hunter-Lab	20.5891, 6.9390, -5.3432

Details

The YUV color **59.7760, 6.5194, 8.9664** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **65.2240, -6.5194, -8.9664**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.6020, 7.0982, 9.9960**, and **15.4880, 6.6614, 10.0960** is the 20% darker color. If you saturate the color by 10%, you get **55.3680, 8.6926, 11.9553**, and if you desaturate by 10%, it is **64.1840, 4.3463, 5.9776**.

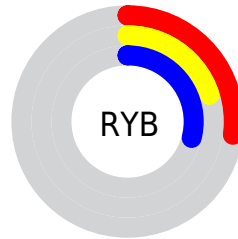
Distribution



Red (27%)

Green (20%)

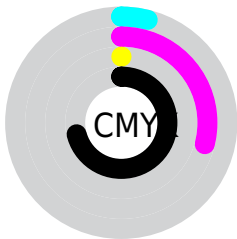
Blue (29%)



Red (27%)

Yellow (20%)

Blue (29%)

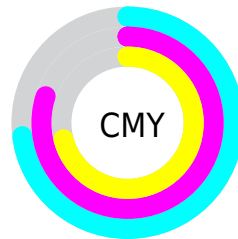


Cyan (4%)

Magenta (29%)

Yellow (0%)

Black (71%)



Cyan (73%)

Magenta (80%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7760, 6.5194, 8.9664 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 59.7760, 6.5194, 8.9664 by changing the saturation by 10% instead.

■ 59.7760, 6.5194,
8.9664

■ 59.7760, 6.5194,
8.9664

■ 255.0000, 0.0000,
0.0000

■ 37.9500, 5.9406,
7.9368

■ 107.6020, 7.0982,
9.9960

■ 15.4880, 6.6614,
10.0960

■ 132.6020, 7.0982,
9.9960

■ 0.1140, 0.4368,
-0.1000

■ 158.4280, 7.6770,
11.0256

■ 0.0000, 0.0000,
0.0000

■ 185.4280, 7.6770,
11.0256

■ 213.4280, 7.6770,
11.0256

■ 241.4990, 6.6560,

11.8404

■ 59.7760, 6.5194,
8.9664

■ 59.7760, 6.5194,
8.9664

■ 55.3680, 8.6926,
11.9553

■ 64.1840, 4.3463,
5.9776

■ 50.3730, 11.1551,
15.4589

■ 69.1790, 1.8838,
2.4740

■ 45.9650, 13.3283,
18.4477

■ 73.5870, -0.2894,
-0.5148

■ 41.5570, 15.5014,
21.4365

■ 77.9950, -2.4625,
-3.5036

■ 36.5620, 17.9639,
24.9401

■ 82.9900, -4.9251,
-7.0072

■ 32.1540, 20.1371,
27.9289

■ 87.3980, -7.0982,
-9.9960

■ 27.7460, 22.3102,
30.9178

■ 91.8060, -9.2714,
-12.9849

■ 27.1590, 22.5996,
31.4326

■ 96.2140, -11.4445,
-15.9737

■ 101.2090,
-13.9070, -19.4773

Harmonies

Analogous

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



58.4370, 10.6306, -3.0142



59.7760, 6.5194, 8.9664



59.4520, 1.2562, 17.1436

Triad

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



59.7760, 6.5194, 8.9664



57.3790, -11.5258, 10.1916



50.1750, 7.8017, -29.0945

Complementary

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



59.7760, 6.5194, 8.9664



65.2240, -6.5194, -8.9664

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.



52.3950, 0.7913, -20.5174



59.7760, 6.5194, 8.9664



56.3670, -10.0409, 0.5551

Square

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



59.7760, 6.5194, 8.9664



58.4060, -9.0742, 17.1839



55.0390, -5.9352, -9.6812



51.6250, 12.0169, -27.7351

Rectangle

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



59.7760, 6.5194, 8.9664



59.4370, -2.6804, 19.7878



55.0390, -5.9352, -9.6812



51.2030, 5.3229, -27.3650

Sweetspot

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



59.7760, 6.5194, 8.9664



89.0050, 2.4625, 3.5036



56.1550, 8.3046, -3.6439



45.0650, 1.4470, 2.5740



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



59.7760, 6.5194, 8.9664



73.4330, 10.1395, 14.5293



59.8750, 3.0196, 11.5106



33.3530, 1.3050, 1.4444



36.7010, 30.7134, 42.3582



84.1830, 70.4088, 97.1865

Inverse Universe

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



58.6210, -1.7852, 12.6104



71.4370, -2.6804, 19.7878



65.1250, -3.0196, -11.5106



33.3100, -0.1528, 2.3591



31.1970, -8.4781, 59.4632



71.5210, -19.4839, 136.3551

Previews

White Background



This preview shows how the YUV color 59.7760, 6.5194, 8.9664 looks on a white background.

Color Contrast Check

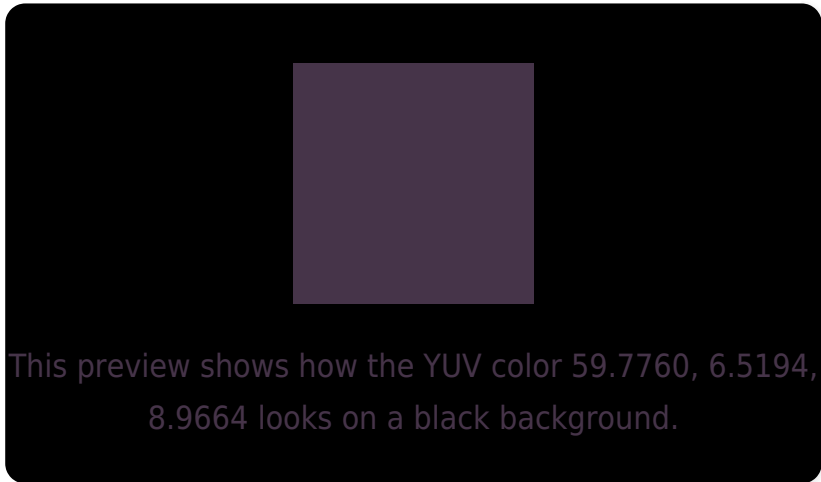
Large Text (above 18pt) WCAG AA ✓ Pass

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

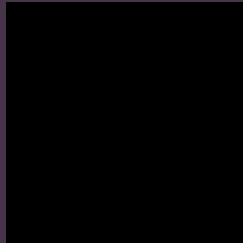
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7760, 6.5194, 8.9664

Background



This preview shows how black text looks on a background with the YUV color 59.7760, 6.5194, 8.9664.



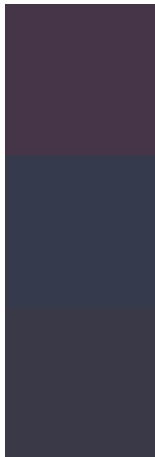
This preview shows how white text looks on a background with the YUV color 59.7760, 6.5194,

8.9664.

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

59.7760, 6.5194, 8.9664

Protanopia

58.6710, 9.0362, -4.9735

Deuteranopia

58.7100, 6.5520, -1.4997



Tritanopia

59.3430, -0.1691, 7.5922

Trichromacy



Original Color

59.7760, 6.5194, 8.9664

Protanomaly

59.1770, 8.2937, -0.1552

Deuteranomaly

59.0310, 6.3937, 2.6038

Tritanomaly

59.6250, 2.1569, 8.2219

Monochromacy



Original Color

59.7760, 6.5194, 8.9664

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.0050, 2.4625, 3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7760, 6.5194, 8.9664 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(70, 52, 73)` looks like.

```
.text, #text, p{  
  color:rgb(70, 52, 73)  
}
```

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(70, 52, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 52, 73) }
```

Border

The CSS property to change the border of an element to YUV 59.7760, 6.5194, 8.9664 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(70, 52, 73) }
```


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

```
.border{ border-color:rgb(70, 52, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 52, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 52, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 52, 73);  
box-shadow:4px 4px 4px 4px rgb(70, 52, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.7760, 6.5194, 8.9664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 52, 73) }
```

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

```
.background{ background-color: rgb(70, 52,  
73) }
```

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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