

Converting Colors

YUV(59.4930, 5.6730, 0.4446)

Have a look what the booklet for
YUV(59.4930, 5.6730, 0.4446)
contains.

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Color

**YUV(59.4930, 5.6730,
0.4446)**

Conversions

Conversions Part 1

Format	Color
Hex	3C3947
RGB	60, 57, 71
RGB Percent	24%, 22%, 28%
CMY	0.7647, 0.7765, 0.7216
CMYK	0.15, 0.20, 0.00, 0.72
HSL	253°, 11%, 25%
HSV	253°, 20%, 28%
XYZ	4.4639, 4.3418, 6.5640
YIQ	59.4930, -2.7060, 4.9900

Conversions

Conversions Part 2

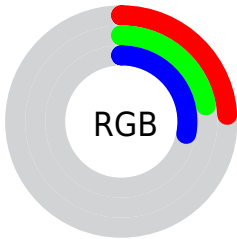
Format	Color
RYB	60, 57, 71
Decimal	3946823
CIELab	24.77, 4.66, -8.13
CIELCh	25, 9.368, 299.836
Yxy	4.3418, 0.2904, 0.2825
Android (android.graphics.Color)	4282136903 (0xFF3C3947)
YUV	59.4930, 5.6730, 0.4446
Hunter-Lab	20.8371, 1.7752, -4.0913

Details

The YUV color **59.4930, 5.6730, 0.4446** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **68.5070, -5.6730, -0.4446**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.6070, 6.1097, 0.3447**, and **16.7920, 5.5255, 1.0594** is the 20% darker color. If you saturate the color by 10%, you get **53.5900, 8.5831, 0.3596**, and if you desaturate by 10%, it is **65.3960, 2.7628, 0.5297**.

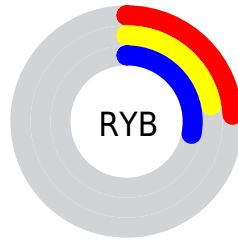
Distribution



 Red (24%)

 Green (22%)

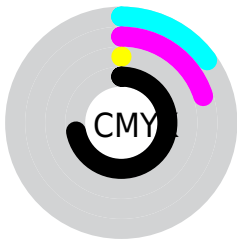
 Blue (28%)




 Red (24%)

 Yellow (22%)

 Blue (28%)

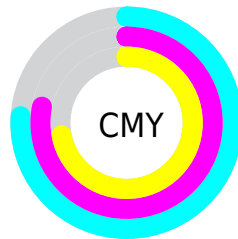


 Cyan (15%)

 Magenta (20%)

 Yellow (0%)

 Black (72%)



 Cyan (76%)

 Magenta (78%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.4930, 5.6730, 0.4446 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 59.4930, 5.6730, 0.4446 by changing the saturation by 10% instead.

■ 59.4930, 5.6730,
0.4446

■ 59.4930, 5.6730,
0.4446

■ 255.0000, 0.0000,
0.0000

■ 38.0800, 5.3836,
-0.0702

■ 106.6070, 6.1097,
0.3447

■ 16.7920, 5.5255,
1.0594

■ 132.0200, 6.3991,
0.8595

■ 0.0000, 0.0000,
0.0000

■ 158.1340, 6.8359,
0.7595

■ 185.1340, 6.8359,
0.7595

■ 212.5470, 7.1253,
1.2743

■ 241.1340, 6.8359,

0.7595

■ 59.4930, 5.6730,
0.4446

■ 59.4930, 5.6730,
0.4446

■ 53.5900, 8.5831,
0.3596

■ 65.3960, 2.7628,
0.5297

■ 47.9860, 11.3459,
0.8893

■ 71.0000, 0.0000,
0.0000

■ 42.0830, 14.2561,
0.8042

■ 76.9030, -2.9102,
0.0851

■ 36.4790, 17.0189,
1.3339

■ 82.5070, -5.6730,
-0.4446

■ 30.5760, 19.9290,
1.2488

■ 88.9970, -8.8725,
-0.8744

■ 24.3850, 22.9812,
2.2934

■ 94.6010, -11.6353,
-1.4041

■ 18.4820, 25.8914,
2.2083

■ 100.5040,
-14.5455, -1.3190

■ 12.5790, 28.8016,
2.1232

■ 106.4070,
-17.4557, -1.2339

■ 112.0110,
-20.2184, -1.7636

Harmonies

Analogous

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



58.2040, 7.2944, -6.3179



59.4930, 5.6730, 0.4446



60.1410, 2.8885, 6.8923

Triad

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



59.4930, 5.6730, 0.4446



59.1600, -5.9949, 9.5067



56.1510, 0.9116, -12.4104

Complementary

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



59.4930, 5.6730, 0.4446



68.5070, -5.6730, -0.4446

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.



56.9730, -2.4517, -6.9923



59.4930, 5.6730, 0.4446



58.3120, -6.5628, 4.9884

Square

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



59.4930, 5.6730, 0.4446



59.4530, -3.6743, 11.8807



57.5070, -5.6730, -0.4446



56.1660, 4.8482, -15.0546

Rectangle

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



59.4930, 5.6730, 0.4446



59.8810, 0.5517, 9.7514



57.5070, -5.6730, -0.4446



56.5210, -0.2569, -10.9809

Sweetspot

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



59.4930, 5.6730, 0.4446



86.9830, 2.4734, 0.0149



65.0530, 2.9319, -7.0625



43.3420, 1.3104, -0.2999



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



59.4930, 5.6730, 0.4446



73.7040, 9.0199, 0.2596



61.5860, 4.6411, 4.7481



32.7550, 1.5998, 0.2149



17.5650, 40.1475, 3.0125



40.5290, 91.9302, 7.4291

Inverse Universe

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



62.4400, 2.7411, 7.5071



78.5160, 4.1826, 11.8255



66.4140, -4.6411, -4.7481



33.5380, 0.7208, 2.1592



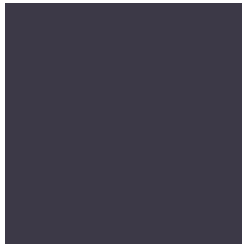
38.4930, 19.4770, 53.0646



88.1650, 44.2887, 121.7583

Previews

White Background



This preview shows how the YUV color 59.4930, 5.6730, 0.4446 looks on a white background.

Color Contrast Check

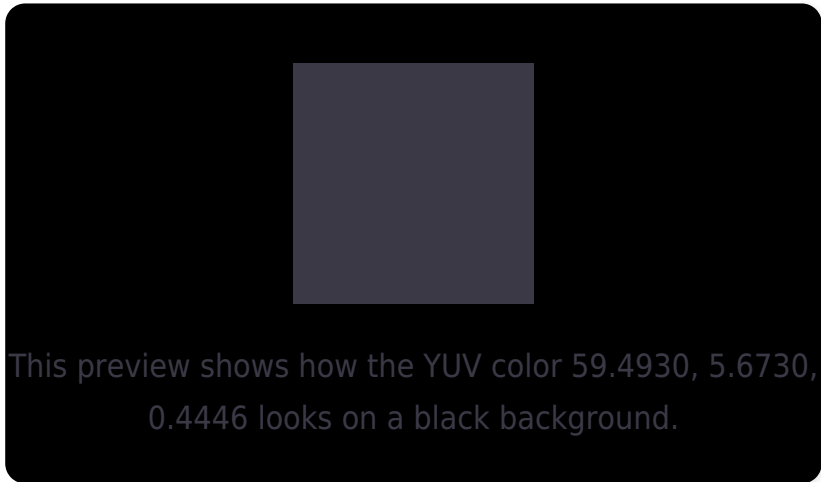
Large Text (above 18pt) WCAG AA ✓ Pass

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

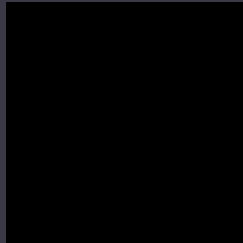
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.4930, 5.6730, 0.4446

Background



This preview shows how black text looks on a background with the YUV color 59.4930, 5.6730, 0.4446.



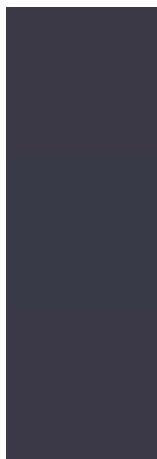
This preview shows how white text looks on a background with the YUV color 59.4930, 5.6730,

0.4446.

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

59.4930, 5.6730, 0.4446

Protanopia

58.9980, 6.4100, -2.6292

Deuteranopia

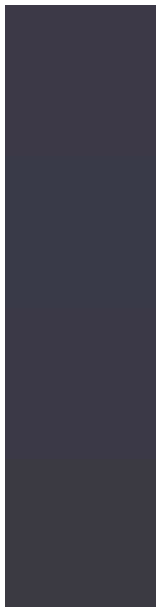
59.1940, 5.8204, -0.1701



Tritanopia

58.8690, 2.0366, 0.1149

Trichromacy



Original Color

59.4930, 5.6730, 0.4446

Protanomaly

59.2970, 6.2626, -2.0145

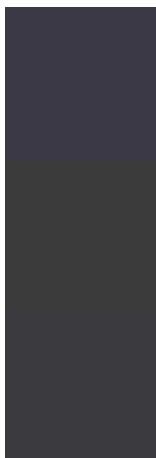
Deuteranomaly

59.1940, 5.8204, -0.1701

Tritanomaly

59.2110, 3.3470, -0.1850

Monochromacy



Original Color

59.4930, 5.6730, 0.4446

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.8690, 2.0366, 0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.4930, 5.6730, 0.4446 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(60, 57, 71)` looks like.

```
.text, #text, p{  
    color:rgb(60, 57, 71)  
}
```

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(60, 57, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 57, 71) }
```

Border

The CSS property to change the border of an element to YUV 59.4930, 5.6730, 0.4446 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(60, 57, 71) }
```


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

```
.border{ border-color:rgb(60, 57, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 57, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 57, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 57, 71);  
box-shadow:4px 4px 4px 4px rgb(60, 57, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.4930, 5.6730, 0.4446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 57, 71) }
```

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

```
.background{ background-color: rgb(60, 57,  
71) }
```

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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