

Converting Colors

YUV(59.0640, 6.3774, 7.8369)

Have a look what the booklet for
YUV(59.0640, 6.3774, 7.8369)
contains.

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Color

**YUV(59.0640, 6.3774,
7.8369)**

Conversions

Conversions Part 1

Format	Color
Hex	443448
RGB	68, 52, 72
RGB Percent	27%, 20%, 28%
CMY	0.7333, 0.7961, 0.7176
CMYK	0.06, 0.28, 0.00, 0.72
HSL	288°, 16%, 24%
HSV	288°, 28%, 28%
XYZ	4.7816, 4.1528, 6.6804
YIQ	59.0640, 3.1160, 9.6120

Conversions

Conversions Part 2

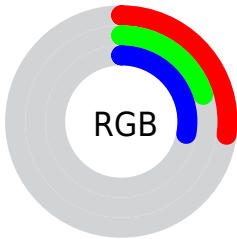
Format	Color
RYB	68, 52, 72
Decimal	4469832
CIELab	24.17, 11.43, -9.62
CIElCh	24, 14.942, 319.907
Yxy	4.1528, 0.3062, 0.2660
Android (android.graphics.Color)	4282659912 (0xFF443448)
YUV	59.0640, 6.3774, 7.8369
Hunter-Lab	20.3784, 6.2209, -5.1715

Details

The YUV color **59.0640, 6.3774, 7.8369** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **64.9360, -6.3774, -7.8369**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.5910, 7.1036, 8.2517**, and **15.1890, 6.8088, 9.4812** is the 20% darker color. If you saturate the color by 10%, you get **54.6560, 8.5506, 10.8257**, and if you desaturate by 10%, it is **63.4720, 4.2043, 4.8481**.

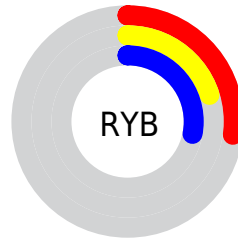
Distribution



Red (27%)

Green (20%)

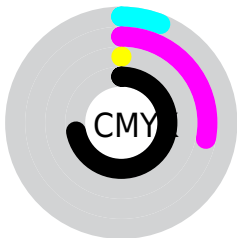
Blue (28%)



Red (27%)

Yellow (20%)

Blue (28%)

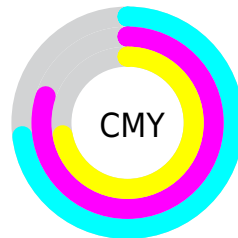


Cyan (6%)

Magenta (28%)

Yellow (0%)

Black (72%)



Cyan (73%)

Magenta (80%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.0640, 6.3774, 7.8369 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 59.0640, 6.3774, 7.8369 by changing the saturation by 10% instead.

■ 59.0640, 6.3774,
7.8369

■ 59.0640, 6.3774,
7.8369

■ 255.0000, 0.0000,
0.0000

■ 37.6510, 6.0881,
7.3221

■ 106.5910, 7.1036,
8.2517

■ 15.1890, 6.8088,
9.4812

■ 131.8900, 6.9562,
8.8665

■ 0.0000, 0.0000,
0.0000

■ 157.7160, 7.5350,
9.8961

■ 184.7160, 7.5350,
9.8961

■ 212.7160, 7.5350,
9.8961

■ 240.6020, 7.0982,

9.9960

■ 59.0640, 6.3774,
7.8369

■ 59.0640, 6.3774,
7.8369

■ 54.6560, 8.5506,
10.8257

■ 63.4720, 4.2043,
4.8481

■ 49.9490, 10.8711,
13.1997

■ 68.1790, 1.8838,
2.4740

■ 44.9540, 13.3337,
16.7033

■ 73.1740, -0.5788,
-1.0296

■ 40.2470, 15.6542,
19.0774

■ 77.8810, -2.8993,
-3.4036

■ 35.8390, 17.8274,
22.0662

■ 82.2890, -5.0725,
-6.3925

■ 31.1320, 20.1479,
24.4402

■ 86.9960, -7.3930,
-8.7665

■ 26.7240, 22.3211,
27.4291

■ 91.4040, -9.5662,
-11.7553

■ 25.5500, 22.8999,
28.4587

■ 96.6980, -12.1761,
-14.6441

■ 101.1060,
-14.3493, -17.6330

Harmonies

Analogous

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



57.9100, 9.9044, -3.4291



59.0640, 6.3774, 7.8369



58.8540, 1.5510, 15.9140

Triad

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



59.0640, 6.3774, 7.8369



56.9060, -10.7997, 10.6064



51.2570, 6.7753, -26.5354

Complementary

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



59.0640, 6.3774, 7.8369



64.9360, -6.3774, -7.8369

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.



52.5910, 0.2016, -18.0583



59.0640, 6.3774, 7.8369



56.0790, -9.8989, 1.6847

Square

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



59.0640, 6.3774, 7.8369



58.2210, -8.4900, 16.4692



54.7510, -5.7932, -8.5516



51.4080, 11.1379, -25.7908

Rectangle

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



59.0640, 6.3774, 7.8369



58.8390, -2.3856, 18.5582



54.7510, -5.7932, -8.5516



51.6980, 4.5859, -24.2911

Sweetspot

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



59.0640, 6.3774, 7.8369



89.5920, 2.1731, 2.9888



56.6280, 7.5784, -4.0588



45.3530, 1.3050, 1.4444



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.



59.0640, 6.3774, 7.8369



74.0090, 9.8556, 12.2701



59.5760, 3.1670, 10.8958



33.3530, 1.3050, 1.4444



35.2060, 31.4504, 39.2843



80.2960, 72.3251, 89.1944

Inverse Universe

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



58.4360, -1.2009, 11.8956



72.9530, -1.9488, 18.4582



64.4240, -3.1670, -10.8958



33.3100, -0.1528, 2.3591



31.8810, -5.8573, 58.8634



73.0030, -13.8055, 135.0554

Previews

White Background



This preview shows how the YUV color 59.0640, 6.3774, 7.8369 looks on a white background.

Color Contrast Check

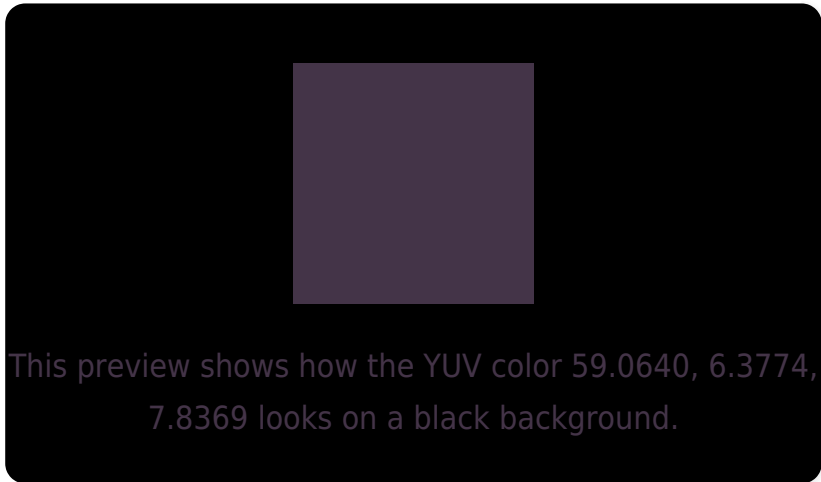
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.0640, 6.3774, 7.8369

Background



This preview shows how black text looks on a background with the YUV color 59.0640, 6.3774, 7.8369.



This preview shows how white text looks on a background with the YUV color 59.0640, 6.3774,

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

59.0640, 6.3774, 7.8369

Protanopia

57.9700, 8.8888, -4.3587

Deuteranopia

57.7100, 6.5520, -1.4997



Tritanopia

58.7450, 0.1257, 6.3626

Trichromacy



Original Color

59.0640, 6.3774, 7.8369

Protanomaly

58.1770, 8.2937, -0.1552

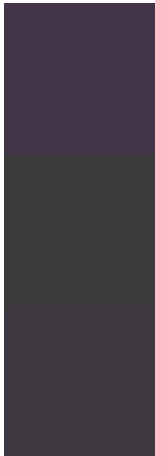
Deuteranomaly

58.3190, 6.2517, 1.4742

Tritanomaly

59.0270, 2.4517, 6.9923

Monochromacy



Original Color

59.0640, 6.3774, 7.8369

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.7060, 2.6099, 2.8888

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.0640, 6.3774, 7.8369 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(68, 52, 72)` looks like.

```
.text, #text, p{  
    color:rgb(68, 52, 72)  
}
```

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(68, 52, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 52, 72) }
```

Border

The CSS property to change the border of an element to YUV 59.0640, 6.3774, 7.8369 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(68, 52, 72) }
```


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

```
.border{ border-color:rgb(68, 52, 72) }
```

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

Here you see how a box with a 4 pixel rgb(68, 52, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 52, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 52, 72);  
box-shadow:4px 4px 4px 4px rgb(68, 52, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.0640, 6.3774, 7.8369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 52, 72) }
```

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

```
.background{ background-color: rgb(68, 52,  
72) }
```

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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