

Converting Colors

YUV(59.9440, 4.9576, -3.4589)

Have a look what the booklet for
YUV(59.9440, 4.9576, -3.4589)
contains.

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Color

**YUV(59.9440, 4.9576,
-3.4589)**

Conversions

Conversions Part 1

Format	Color
Hex	383C46
RGB	56, 60, 70
RGB Percent	22%, 24%, 27%
CMY	0.7804, 0.7647, 0.7255
CMYK	0.20, 0.14, 0.00, 0.73
HSL	223°, 11%, 25%
HSV	223°, 20%, 27%
XYZ	4.3522, 4.5147, 6.4364
YIQ	59.9440, -5.5940, 2.2620

Conversions

Conversions Part 2

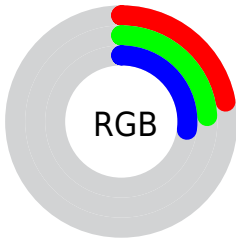
Format	Color
R_{YB}	56, 59, 70
Decimal	3685446
CIE Lab	25.30, 0.84, -6.69
CIE LCh	25, 6.747, 277.170
Yxy	4.5147, 0.2844, 0.2950
Android (android.graphics.Color)	4281875526 (0xFF383C46)
YUV	59.9440, 4.9576, -3.4589
Hunter-Lab	21.2477, -0.6209, -3.0867

Details

The YUV color **59.9440, 4.9576, -3.4589** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **66.0560, -4.9576, 3.4589**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.0580, 5.3944, -3.5589**, and **17.5310, 4.6682, -3.9737** is the 20% darker color. If you saturate the color by 10%, you get **54.9160, 7.4364, -5.1883**, and if you desaturate by 10%, it is **64.9720, 2.4788, -1.7294**.

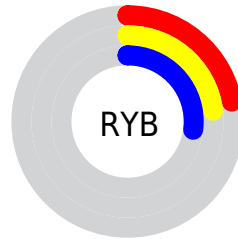
Distribution



Red (22%)

Green (24%)

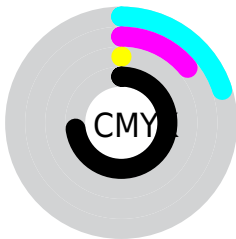
Blue (27%)



Red (22%)

Yellow (23%)

Blue (27%)

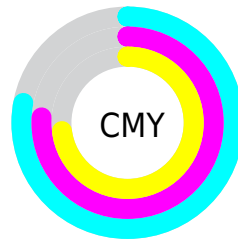


Cyan (20%)

Magenta (14%)

Yellow (0%)

Black (73%)



Cyan (78%)

Magenta (76%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.9440, 4.9576, -3.4589 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 59.9440, 4.9576, -3.4589 by changing the saturation by 10% instead.

■ 59.9440, 4.9576,
-3.4589

■ 59.9440, 4.9576,
-3.4589

■ 255.0000, 0.0000,
0.0000

■ 37.9440, 4.9576,
-3.4589

■ 107.0580, 5.3944,
-3.5589

■ 17.5310, 4.6682,
-3.9737

■ 132.1720, 5.8312,
-3.6588

■ 0.0000, 0.0000,
0.0000

■ 158.7590, 5.5418,
-4.1736

■ 185.2860, 6.2680,
-3.7588

■ 213.2860, 6.2680,
-3.7588

■ 241.2860, 6.2680,

-3.7588

■ 59.9440, 4.9576,
-3.4589

■ 59.9440, 4.9576,
-3.4589

■ 54.9160, 7.4364,
-5.1883

■ 64.9720, 2.4788,
-1.7294

■ 49.8880, 9.9152,
-6.9178

■ 70.0000, 0.0000,
0.0000

■ 44.8600, 12.3940,
-8.6472

■ 75.0280, -2.4788,
1.7294

■ 39.8320, 14.8728,
-10.3767

■ 80.0560, -4.9576,
3.4589

■ 34.8040, 17.3516,
-12.1061

■ 85.0840, -7.4364,
5.1883

■ 29.7760, 19.8304,
-13.8356

■ 90.1120, -9.9152,
6.9178

■ 24.7480, 22.3092,
-15.5650

■ 95.1400, -12.3940,
8.6472

■ 19.7200, 24.7880,
-17.2944

■ 100.1680,
-14.8728, 10.3767

■ 105.1960,
-17.3516, 12.1061

Harmonies

Analogous

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



59.2100, 4.8265, -8.0772



59.9440, 4.9576, -3.4589



60.6350, 3.6309, 2.0741

Triad

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



59.9440, 4.9576, -3.4589



60.5450, -3.2267, 8.2920



58.6140, -1.2887, -6.6775

Complementary

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



59.9440, 4.9576, -3.4589



66.0560, -4.9576, 3.4589

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.



59.3650, -3.6309, -2.0741



59.9440, 4.9576, -3.4589



60.1920, -4.5317, 6.8476

Square

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



59.9440, 4.9576, -3.4589



60.8270, -0.9007, 8.9217



59.7570, -4.8102, 2.8441



58.2870, 1.3375, -9.0217

Rectangle

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



59.9440, 4.9576, -3.4589



60.7170, 2.6045, 4.6332



59.7570, -4.8102, 2.8441



58.3970, -2.1677, -4.7332

Sweetspot

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



59.9440, 4.9576, -3.4589



87.8580, 2.0420, -1.6295



65.3580, 0.3165, -8.2070



43.9290, 1.0210, -0.8147



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.



59.9440, 4.9576, -3.4589



76.0300, 7.8732, -5.2883



58.4930, 5.6730, 0.4446



33.0430, 1.4578, -0.9147



27.7220, 35.1401, -24.3122



64.0330, 80.3427, -56.1569

Inverse Universe

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



60.6420, -0.3165, 8.2070



77.2620, -0.6222, 12.9252



67.5070, -5.6730, -0.4446



33.3100, -0.1528, 2.3591



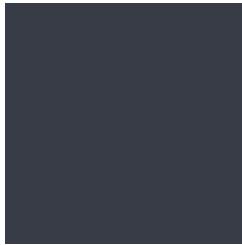
32.7930, -2.3629, 58.0635



75.2830, -5.0695, 133.0558

Previews

White Background



This preview shows how the YUV color 59.9440, 4.9576, -3.4589 looks on a white background.

Color Contrast Check

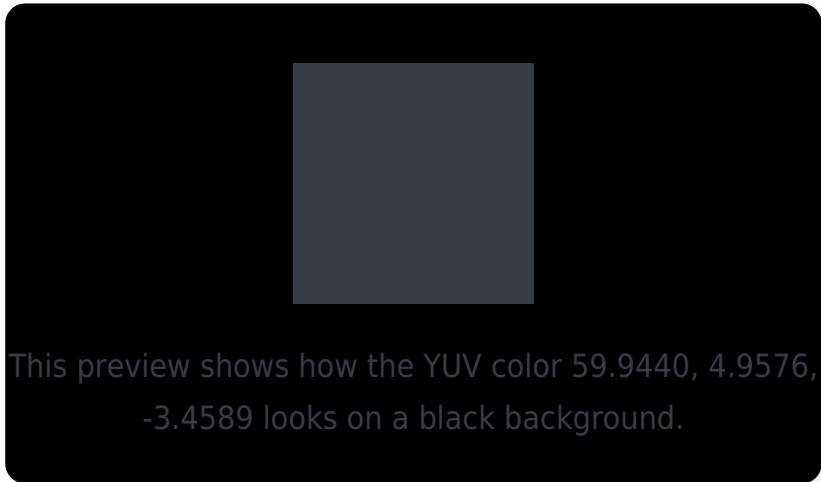
Large Text (above 18pt) WCAG AA ✓ Pass

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

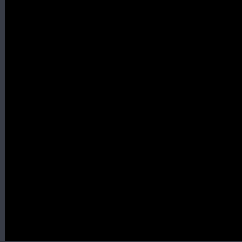
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

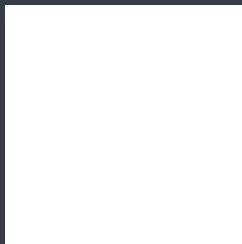
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 59.9440, 4.9576, -3.4589

Background



This preview shows how black text looks on a background with the YUV color 59.9440, 4.9576, -3.4589.



This preview shows how white text looks on a background with the YUV color 59.9440, 4.9576, -3.4589.

-3.4589.

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

59.9440, 4.9576, -3.4589

Protanopia

59.9550, 4.9522, -1.7145

Deuteranopia

60.8520, 4.5100, 0.1298



Tritanopia

59.7760, 3.0684, -4.1886

Trichromacy



Original Color

59.9440, 4.9576, -3.4589

Protanomaly

59.6560, 5.0996, -2.3293

Deuteranomaly

60.2540, 4.8048, -1.0998

Tritanomaly

59.8900, 3.5052, -4.2885

Monochromacy



Original Color

59.9440, 4.9576, -3.4589

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.1570, 1.8946, -1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.9440, 4.9576, -3.4589 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(56, 60, 70)` looks like.

```
.text, #text, p{  
    color:rgb(56, 60, 70)  
}
```

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(56, 60, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 60, 70) }
```

Border

The CSS property to change the border of an element to YUV 59.9440, 4.9576, -3.4589 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(56, 60, 70) }
```


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

```
.border{ border-color:rgb(56, 60, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 60, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 60, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 60, 70);  
box-shadow:4px 4px 4px 4px rgb(56, 60, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.9440, 4.9576, -3.4589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 60, 70) }
```

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

```
.background{ background-color: rgb(56, 60,  
70) }
```

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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