

Converting Colors

YUV(58.3690, 0.3111, -6.4626)

Have a look what the booklet for
YUV(58.3690, 0.3111, -6.4626)
contains.

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Color

**YUV(58.3690, 0.3111,
-6.4626)**

Conversions

Conversions Part 1

Format	Color
Hex	333E3B
RGB	51, 62, 59
RGB Percent	20%, 24%, 23%
CMY	0.8000, 0.7569, 0.7686
CMYK	0.18, 0.00, 0.05, 0.76
HSL	164°, 10%, 22%
HSV	164°, 18%, 24%
XYZ	3.8773, 4.4648, 4.7951
YIQ	58.3690, -5.5930, -3.2650

Conversions

Conversions Part 2

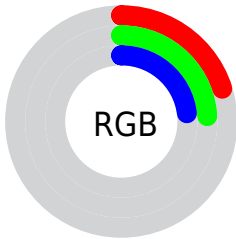
Format	Color
R_{YB}	51, 57, 62
Decimal	3358267
CIE Lab	25.15, -5.26, 0.32
CIE LCh	25, 5.269, 176.474
Yxy	4.4648, 0.2951, 0.3399
Android (android.graphics.Color)	4281548347 (0xFF333E3B)
YUV	58.3690, 0.3111, -6.4626
Hunter-Lab	21.1301, -4.2238, 1.3363

Details

The YUV color **58.3690, 0.3111, -6.4626** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **54.6310, -0.3111, 6.4626**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.0700, 0.4585, -7.0774**, and **15.1730, 0.9007, -8.9217** is the 20% darker color. If you saturate the color by 10%, you get **56.3470, 0.3219, -9.9513**, and if you desaturate by 10%, it is **60.3910, 0.3002, -2.9739**.

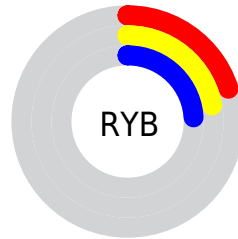
Distribution



Red (20%)

Green (24%)

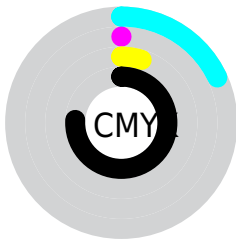
Blue (23%)



Red (20%)

Yellow (22%)

Blue (24%)

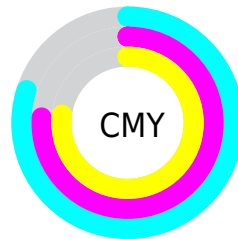


Cyan (18%)

Magenta (0%)

Yellow (5%)

Black (76%)



Cyan (80%)

Magenta (76%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.3690, 0.3111, -6.4626 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 58.3690, 0.3111, -6.4626 by changing the saturation by 10% instead.

■ 58.3690, 0.3111,
-6.4626

■ 58.3690, 0.3111,
-6.4626

■ 255.0000, 0.0000,
0.0000

■ 36.6680, 0.1637,
-5.8478

■ 105.0700, 0.4585,
-7.0774

■ 15.1730, 0.9007,
-8.9217

■ 130.6570, 0.1691,
-7.5922

■ 0.0000, 0.0000,
0.0000

■ 156.6570, 0.1691,
-7.5922

■ 183.6570, 0.1691,
-7.5922

■ 211.3580, 0.3165,
-8.2070

■ 239.3580, 0.3165,

-8.2070

■ 58.3690, 0.3111,
-6.4626

■ 58.3690, 0.3111,
-6.4626

■ 56.3470, 0.3219,
-9.9513

■ 60.3910, 0.3002,
-2.9739

■ 54.4390, 0.7696,
-13.5400

■ 62.2990, -0.1474,
0.6148

■ 52.1180, 0.9278,
-17.6435

■ 64.6200, -0.3057,
4.7183

■ 50.0960, 0.9387,
-21.1322

■ 66.6420, -0.3165,
8.2070

■ 48.1880, 1.3863,
-24.7209

■ 68.5500, -0.7641,
11.7957

■ 46.1660, 1.3972,
-28.2096

■ 70.5720, -0.7750,
15.2844

■ 44.1440, 1.4080,
-31.6983

■ 72.5940, -0.7858,
18.7731

■ 41.8230, 1.5663,
-35.8018

■ 74.9150, -0.9441,
22.8765

■ 41.5240, 1.7137,
-36.4165

■ 76.8230, -1.3917,
26.4652

Harmonies

Analogous

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



58.5220, -1.7363, -3.0888



58.3690, 0.3111, -6.4626



58.5260, 2.2057, -7.4773

Triad

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



58.3690, 0.3111, -6.4626



60.2110, 3.3470, -0.1850



60.1210, -3.5107, 6.0329

Complementary

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



58.3690, 0.3111, -6.4626



54.6310, -0.3111, 6.4626

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.



60.1750, -2.0583, 6.8625



58.3690, 0.3111, -6.4626



60.4780, 1.7363, 3.0888

Square

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



58.3690, 0.3111, -6.4626



59.3030, 3.7946, -3.7737



60.3320, -0.1637, 5.8478



59.3980, -3.6472, 3.1590

Rectangle

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



58.3690, 0.3111, -6.4626



58.7540, 3.0793, -7.6773



60.3320, -0.1637, 5.8478



60.5340, -3.2213, 6.5477

Sweetspot

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



58.3690, 0.3111, -6.4626



80.5760, -0.2840, -2.2592



58.3540, -3.6255, -3.8185



39.9890, 0.0054, -1.7444



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



58.3690, 0.3111, -6.4626



76.0480, 0.4693, -10.5661



57.5370, 2.2003, -5.7329



29.9890, 0.0054, -1.7444



63.0440, 2.9363, -55.2896



148.6680, 6.0797, -130.3818

Inverse Universe

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



54.6310, -0.3111, 6.4626



69.9520, -0.4693, 10.5661



55.4630, -2.2003, 5.7329



28.8970, -0.4422, 1.8443



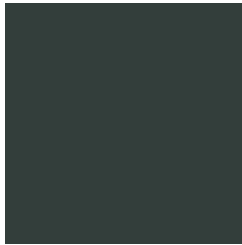
31.0700, -2.4995, 55.1896



73.3320, -6.0797, 130.3818

Previews

White Background



This preview shows how the YUV color 58.3690, 0.3111, -6.4626 looks on a white background.

Color Contrast Check

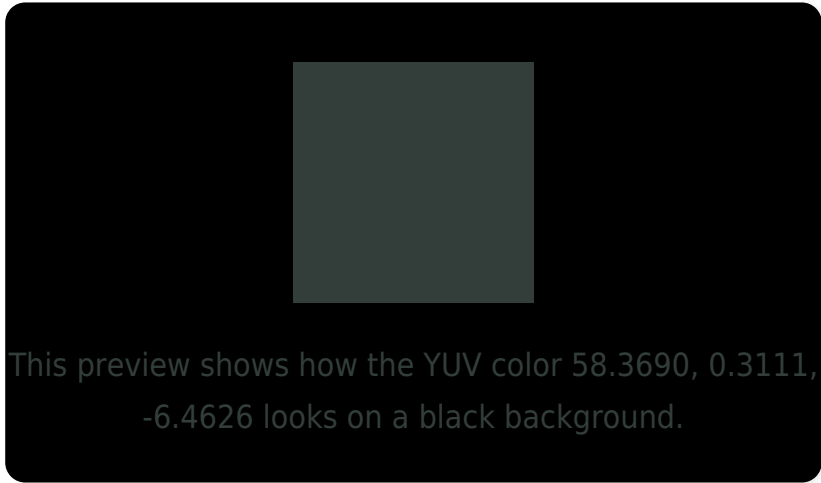
Large Text (above 18pt) WCAG AA ✓ Pass

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

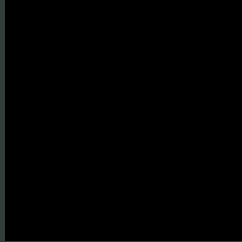
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.3690, 0.3111, -6.4626

Background



This preview shows how black text looks on a background with the YUV color 58.3690, 0.3111, -6.4626.



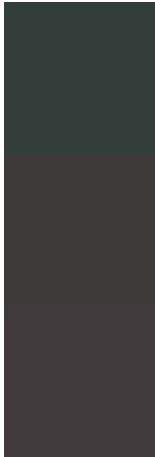
This preview shows how white text looks on a background with the YUV color 58.3690, 0.3111, -6.4626.

-6.4626.

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

58.3690, 0.3111, -6.4626

Protanopia

59.3700, -1.1684, 1.4295

Deuteranopia

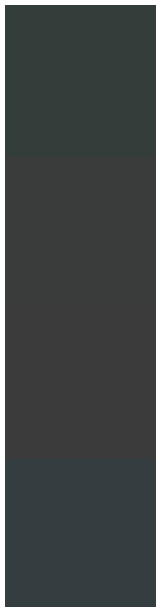
60.3210, -0.1583, 4.1035



Tritanopia

58.8790, 3.5107, -6.0329

Trichromacy



Original Color

58.3690, 0.3111, -6.4626

Protanomaly

58.8750, -0.4314, -1.6444

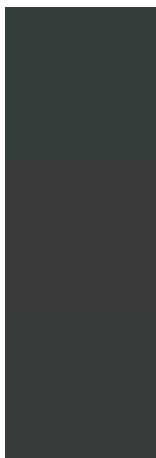
Deuteranomaly

59.4130, 0.2894, 0.5148

Tritanomaly

58.5370, 2.2003, -5.7329

Monochromacy



Original Color

58.3690, 0.3111, -6.4626

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.6900, 0.1528, -2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.3690, 0.3111, -6.4626 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(51, 62, 59)` looks like.

```
.text, #text, p{  
    color:rgb(51, 62, 59)  
}
```

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(51, 62, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 62, 59) }
```

Border

The CSS property to change the border of an element to YUV 58.3690, 0.3111, -6.4626 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(51, 62, 59) }
```


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

```
.border{ border-color:rgb(51, 62, 59) }
```

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

Here you see how a box with a 4 pixel rgb(51, 62, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 62, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 62, 59);  
box-shadow:4px 4px 4px 4px rgb(51, 62, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.3690, 0.3111, -6.4626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 62, 59) }
```

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

```
.background{ background-color: rgb(51, 62,  
59) }
```

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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