

Converting Colors

YUV(53.3690, 0.3111, -6.4626)

Have a look what the booklet for
YUV(53.3690, 0.3111, -6.4626)
contains.

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Color

**YUV(53.3690, 0.3111,
-6.4626)**

Conversions

Conversions Part 1

Format	Color
Hex	2E3936
RGB	46, 57, 54
RGB Percent	18%, 22%, 21%
CMY	0.8196, 0.7765, 0.7882
CMYK	0.19, 0.00, 0.05, 0.78
HSL	164°, 11%, 20%
HSV	164°, 19%, 22%
XYZ	3.2557, 3.7734, 4.0468
YIQ	53.3690, -5.5930, -3.2650

Conversions

Conversions Part 2

Format	Color
RYB	46, 52, 57
Decimal	3029302
CIELab	22.91, -5.32, 0.34
CIELCh	23, 5.335, 176.364
Yxy	3.7734, 0.2939, 0.3407
Android (android.graphics.Color)	4281219382 (0xFF2E3936)
YUV	53.3690, 0.3111, -6.4626
Hunter-Lab	19.4253, -4.0777, 1.2462

Details

The YUV color **53.3690, 0.3111, -6.4626** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.6310, -0.3111, 6.4626**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.0700, 0.4585, -7.0774**, and **9.3580, 0.3165, -8.2070** is the 20% darker color. If you saturate the color by 10%, you get **51.3470, 0.3219, -9.9513**, and if you desaturate by 10%, it is **55.3910, 0.3002, -2.9739**.

Distribution



Red (18%)

Green (22%)

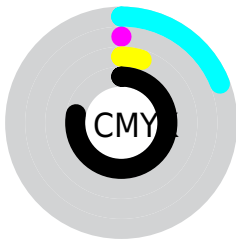
Blue (21%)



Red (18%)

Yellow (20%)

Blue (22%)

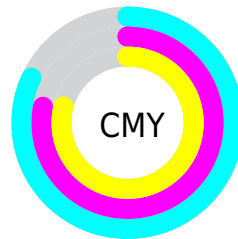


Cyan (19%)

Magenta (0%)

Yellow (5%)

Black (78%)



Cyan (82%)

Magenta (78%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.3690, 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 53.3690, 0.3111, -6.4626 by changing the saturation by 10% instead.

■ 53.3690, 0.3111,
-6.4626

■ 53.3690, 0.3111,
-6.4626

■ 255.0000, 0.0000,
0.0000

■ 31.7820, 0.6005,
-5.9478

■ 100.0700, 0.4585,
-7.0774

■ 9.3580, 0.3165,
-8.2070

■ 125.0700, 0.4585,
-7.0774

■ 0.0000, 0.0000,
0.0000

■ 150.6570, 0.1691,
-7.5922

■ 177.6570, 0.1691,
-7.5922

■ 204.7710, 0.6059,
-7.6922

■ 233.3580, 0.3165,

-8.2070

254.1030, 0.4422,
-1.8443

■ 53.3690, 0.3111,
-6.4626

■ 53.3690, 0.3111,
-6.4626

■ 51.3470, 0.3219,
-9.9513

■ 55.3910, 0.3002,
-2.9739

■ 49.7380, 0.6222,
-12.9252

■ 57.0000, 0.0000,
0.0000

■ 47.7160, 0.6330,
-16.4139

■ 59.0220, -0.0108,
3.4887

■ 45.8080, 1.0807,
-20.0026

■ 60.9300, -0.4585,
7.0774

■ 43.7860, 1.0915,
-23.4913

■ 62.6530, -0.3219,
9.9513

■ 42.1770, 1.3917,
-26.4652

■ 64.5610, -0.7696,
13.5400

■ 40.1550, 1.4026,
-29.9539

■ 66.5830, -0.7804,
17.0287

■ 38.2470, 1.8502,
-33.5426

■ 68.4910, -1.2281,
20.6174

■ 38.1330, 1.4134,
-33.4426

■ 70.2140, -1.0915,
23.4913

Harmonies

Analogous

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



53.5220, -1.7363, -3.0888



53.3690, 0.3111, -6.4626



53.5260, 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.



53.3690, 0.3111, -6.4626



55.2110, 3.3470, -0.1850



55.1210, -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.



53.3690, 0.3111, -6.4626



49.6310, -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.



55.1750, -2.0583, 6.8625



53.3690, 0.3111, -6.4626



55.4780, 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.



53.3690, 0.3111, -6.4626



54.3030, 3.7946, -3.7737



55.3320, -0.1637, 5.8478



54.3980, -3.6472, 3.1590

Rectangle

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



53.3690, 0.3111, -6.4626



53.7540, 3.0793, -7.6773



55.3320, -0.1637, 5.8478



55.2350, -3.0739, 5.9329

Sweetspot

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



53.3690, 0.3111, -6.4626



72.6900, 0.1528, -2.3591



53.3540, -3.6255, -3.8185



37.4020, 0.2948, -1.2296



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



53.3690, 0.3111, -6.4626



68.3470, 0.3219, -9.9513



52.5370, 2.2003, -5.7329



26.9890, 0.0054, -1.7444



61.6420, 2.6415, -54.0600



146.6790, 6.0743, -128.6375

Inverse Universe

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



49.6310, -0.3111, 6.4626



62.6530, -0.3219, 9.9513



50.4630, -2.2003, 5.7329



26.0110, -0.0054, 1.7444



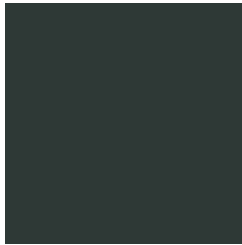
30.3580, -2.6415, 54.0600



72.3210, -6.0743, 128.6375

Previews

White Background



This preview shows how the YUV color 53.3690, 0.3111, -6.4626 looks on a white background.

Color Contrast Check

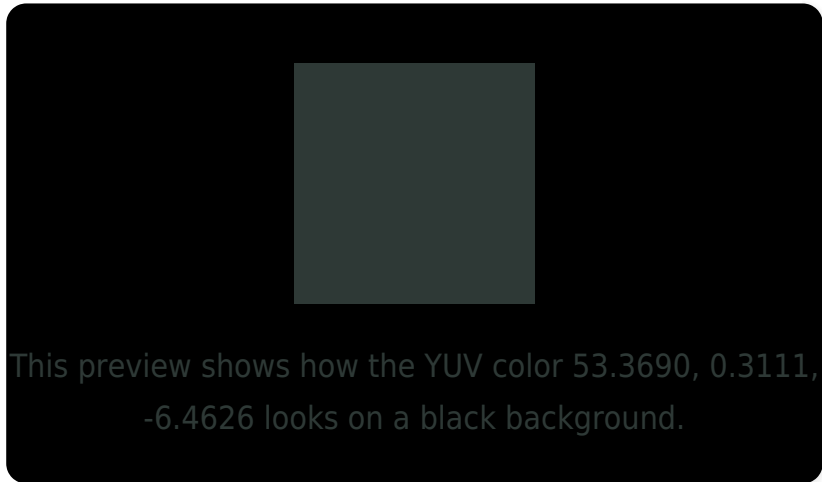
Large Text (above 18pt) WCAG AA ✓ Pass

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

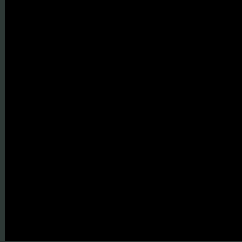
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.3690, 0.3111, -6.4626

Background



This preview shows how black text looks on a background with the YUV color 53.3690, 0.3111, -6.4626.



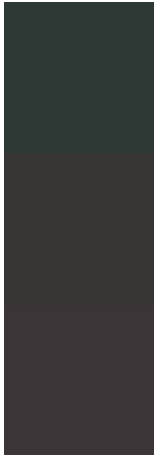
This preview shows how white text looks on a background with the YUV color 53.3690, 0.3111, -6.4626.

-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

53.3690, 0.3111, -6.4626

Protanopia

54.3700, -1.1684, 1.4295

Deuteranopia

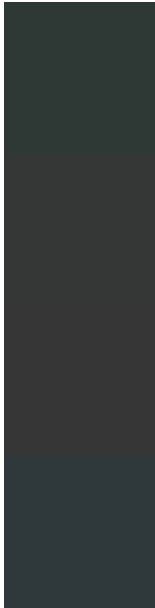
55.3210, -0.1583, 4.1035



Tritanopia

53.7650, 3.0739, -5.9329

Trichromacy



Original Color

53.3690, 0.3111, -6.4626

Protanomaly

53.8750, -0.4314, -1.6444

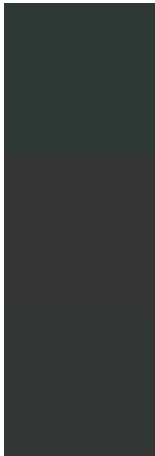
Deuteranomaly

54.4130, 0.2894, 0.5148

Tritanomaly

53.5370, 2.2003, -5.7329

Monochromacy



Original Color

53.3690, 0.3111, -6.4626

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.6900, 0.1528, -2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.3690, 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(46, 57, 54)` looks like.

```
.text, #text, p{  
    color:rgb(46, 57, 54)  
}
```

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(46, 57, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 57, 54) }
```

Border

The CSS property to change the border of an element to YUV 53.3690, 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(46, 57, 54) }
```


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

```
.border{ border-color:rgb(46, 57, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 57, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 57, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 57, 54);  
box-shadow:4px 4px 4px 4px rgb(46, 57, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.3690, 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(46, 57, 54) }
```

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

```
.background{ background-color: rgb(46, 57,  
54) }
```

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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