

Converting Colors

YUV(55.7930, 0.5951, -4.2035)

Have a look what the booklet for
YUV(55.7930, 0.5951, -4.2035)
contains.

YUV(55.7930, 0.5951, -4.2035)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(55.7930, 0.5951,
-4.2035)**

Conversions

Conversions Part 1

Format	Color
Hex	333A39
RGB	51, 58, 57
RGB Percent	20%, 23%, 22%
CMY	0.8000, 0.7725, 0.7765
CMYK	0.12, 0.00, 0.02, 0.77
HSL	171°, 6%, 21%
HSV	171°, 12%, 23%
XYZ	3.6168, 4.0253, 4.4572
YIQ	55.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

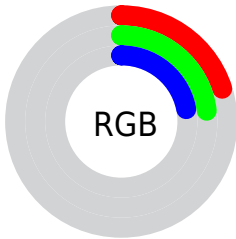
Format	Color
R_{YB}	51, 55, 58
Decimal	3357241
CIE Lab	23.75, -3.18, -0.39
CIE LCh	24, 3.204, 186.907
Yxy	4.0253, 0.2989, 0.3327
Android (android.graphics.Color)	4281547321 (0xFF333A39)
YUV	55.7930, 0.5951, -4.2035
Hunter-Lab	20.0632, -2.9323, 0.8724

Details

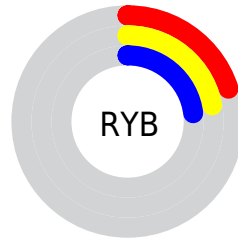
The YUV color **55.7930, 0.5951, -4.2035** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53.2070, -0.5951, 4.2035**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.4940, 0.7425, -4.8182**, and **11.8960, 1.0373, -6.0478** is the 20% darker color. If you saturate the color by 10%, you get **53.8850, 1.0427, -7.7921**, and if you desaturate by 10%, it is **57.7010, 0.1474, -0.6148**.

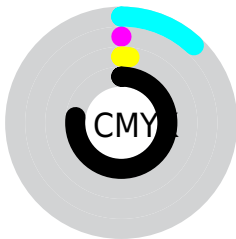
Distribution



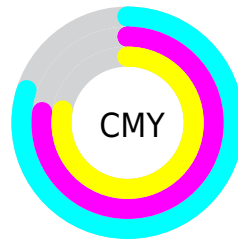
- Red (20%)
- Green (23%)
- Blue (22%)



- Red (20%)
- Yellow (22%)
- Blue (23%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (77%)



- Cyan (80%)
- Magenta (77%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.7930, 0.5951, -4.2035 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 55.7930, 0.5951, -4.2035 by changing the saturation by 10% instead.

■ 55.7930, 0.5951,
-4.2035

■ 55.7930, 0.5951,
-4.2035

■ 255.0000, 0.0000,
0.0000

■ 34.2060, 0.8844,
-3.6887

■ 102.4940, 0.7425,
-4.8182

■ 11.8960, 1.0373,
-6.0478

■ 127.4940, 0.7425,
-4.8182

■ 0.0000, 0.0000,
0.0000

■ 153.4940, 0.7425,
-4.8182

■ 180.4940, 0.7425,
-4.8182

■ 208.0810, 0.4531,
-5.3330

■ 236.1950, 0.8899,

-5.4330

■ 55.7930, 0.5951,
-4.2035

■ 55.7930, 0.5951,
-4.2035

■ 53.8850, 1.0427,
-7.7921

■ 57.7010, 0.1474,
-0.6148

■ 51.9770, 1.4903,
-11.3808

■ 59.6090, -0.3002,
2.9739

■ 50.4820, 2.2274,
-14.4547

■ 61.1040, -1.0373,
6.0478

■ 48.5740, 2.6750,
-18.0434

■ 63.0120, -1.4849,
9.6365

■ 46.6660, 3.1227,
-21.6321

■ 64.9200, -1.9326,
13.2252

■ 44.7580, 3.5703,
-25.2208

■ 66.8280, -2.3802,
16.8138

■ 42.8500, 4.0179,
-28.8095

■ 68.7360, -2.8278,
20.4025

■ 41.2410, 4.3182,
-31.7834

■ 70.3450, -3.1281,
23.3764

■ 39.7460, 5.0552,
-34.8572

■ 72.1390, -4.0125,
27.0651

Harmonies

Analogous

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



56.1630, -0.5734, -2.7740



55.7930, 0.5951, -4.2035



56.0210, 1.4686, -4.4034

Triad

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



55.7930, 0.5951, -4.2035



57.0540, 1.4524, 0.8296



56.7400, -2.3368, 2.8590

Complementary

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



55.7930, 0.5951, -4.2035



53.2070, -0.5951, 4.2035

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.



56.9790, -1.4686, 4.4034



55.7930, 0.5951, -4.2035



56.8370, 0.5734, 2.7740

Square

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



55.7930, 0.5951, -4.2035



56.8580, 2.0420, -1.6295



57.2070, -0.5951, 4.2035



56.7290, -2.3314, 1.1147

Rectangle

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



55.7930, 0.5951, -4.2035



55.8470, 2.0474, -3.3738



57.2070, -0.5951, 4.2035



57.1530, -2.0474, 3.3738

Sweetspot

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



55.7930, 0.5951, -4.2035



75.6900, 0.1528, -2.3591



55.4080, -2.1731, -2.9888



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.



55.7930, 0.5951, -4.2035



73.4830, 0.7479, -6.5626



54.7330, 1.6106, -3.2738



27.1030, 0.4422, -1.8443



63.0100, 7.8831, -55.2598



149.9850, 18.7414, -131.5368

Inverse Universe

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



53.2070, -0.5951, 4.2035



69.4030, -1.1847, 6.6626



54.2670, -1.6106, 3.2738



26.0110, -0.0054, 1.7444



28.9900, -7.8831, 55.2598



69.0150, -18.7414, 131.5368

Previews

White Background



This preview shows how the YUV color 55.7930, 0.5951, -4.2035 looks on a white background.

Color Contrast Check

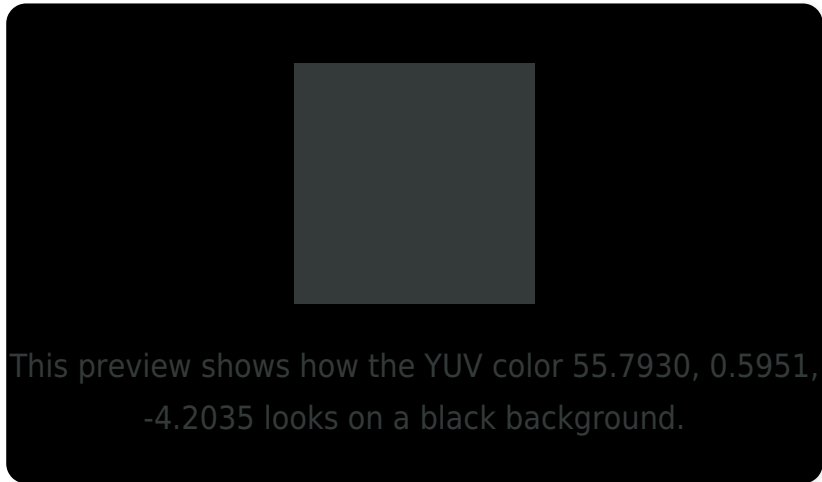
Large Text (above 18pt) WCAG AA ✓ Pass

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

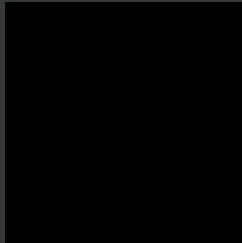
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.7930, 0.5951, -4.2035

Background



This preview shows how black text looks on a background with the YUV color 55.7930, 0.5951, -4.2035.



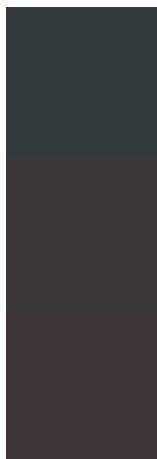
This preview shows how white text looks on a background with the YUV color 55.7930, 0.5951, -4.2035.

-4.2035.

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

55.7930, 0.5951, -4.2035

Protanopia

56.5980, -0.2948, 1.2296

Deuteranopia

57.1360, 0.4260, 3.3887



Tritanopia

56.0750, 2.9210, -3.5738

Trichromacy



Original Color

55.7930, 0.5951, -4.2035

Protanomaly

56.2880, -0.1420, -1.1296

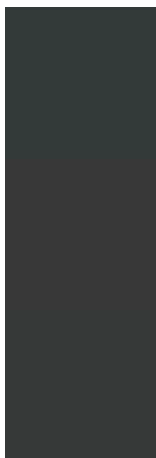
Deuteranomaly

56.5270, 0.7262, 0.4148

Tritanomaly

55.8470, 2.0474, -3.3738

Monochromacy



Original Color

55.7930, 0.5951, -4.2035

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.9890, 0.0054, -1.7444

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.7930, 0.5951, -4.2035 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, 58, 57)` looks like.

```
.text, #text, p{  
    color:rgb(51, 58, 57)  
}
```

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, 58, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 58, 57) }
```

Border

The CSS property to change the border of an element to YUV 55.7930, 0.5951, -4.2035 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, 58, 57) }
```


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

```
.border{ border-color:rgb(51, 58, 57) }
```

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

Here you see how a box with a 4 pixel rgb(51, 58, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 58, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 58, 57);  
box-shadow:4px 4px 4px 4px rgb(51, 58, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.7930, 0.5951, -4.2035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 58, 57) }
```

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

```
.background{ background-color: rgb(51, 58,  
57) }
```

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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