

Converting Colors

YUV(55.9110, -11.7881, 0.9551)

Have a look what the booklet for
YUV(55.9110, -11.7881, 0.9551)
contains.

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Color

**YUV(55.9110, -11.7881,
0.9551)**

Conversions

Conversions Part 1

Format	Color
Hex	393C20
RGB	57, 60, 32
RGB Percent	22%, 24%, 13%
CMY	0.7765, 0.7647, 0.8745
CMYK	0.05, 0.00, 0.47, 0.76
HSL	66°, 30%, 18%
HSV	66°, 47%, 24%
XYZ	3.5639, 4.2059, 1.9905
YIQ	55.9110, 7.2000, -9.3440

Conversions

Conversions Part 2

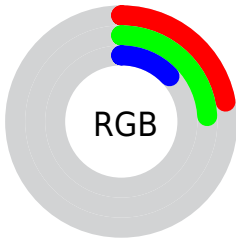
Format	Color
RYB	32, 60, 35
Decimal	3750944
CIELab	24.34, -6.53, 16.87
CIELCh	24, 18.087, 111.162
Yxy	4.2059, 0.3651, 0.4309
Android (android.graphics.Color)	4281941024 (0xFF393C20)
YUV	55.9110, -11.7881, 0.9551
Hunter-Lab	20.5082, -4.8696, 8.6012

Details

The YUV color **55.9110, -11.7881, 0.9551** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **36.0890, 11.7881, -0.9551**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.9820, -12.8091, 1.7698**, and **12.6590, -6.2409, -4.9629** is the 20% darker color. If you saturate the color by 10%, you get **54.9280, -14.2615, 0.9401**, and if you desaturate by 10%, it is **56.8940, -9.3147, 0.9700**.

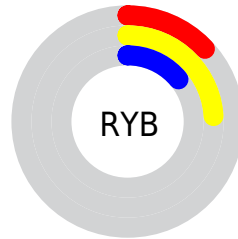
Distribution



Red (22%)

Green (24%)

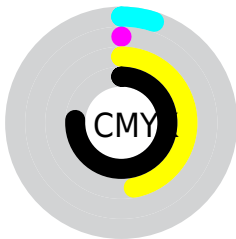
Blue (13%)



Red (13%)

Yellow (24%)

Blue (14%)

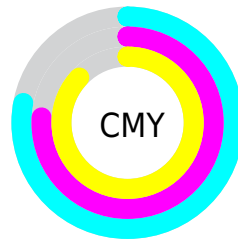


Cyan (5%)

Magenta (0%)

Yellow (47%)

Black (76%)



Cyan (78%)

Magenta (76%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.9110, -11.7881, 0.9551 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 55.9110, -11.7881, 0.9551 by changing the saturation by 10% instead.

■ 55.9110, -11.7881,
0.9551

■ 55.9110, -11.7881,
0.9551

■ 255.0000, 0.0000,
0.0000

■ 33.9110, -11.7881,
0.9551

■ 102.9820,
-12.8091, 1.7698

■ 12.6590, -6.2409,
-4.9629

■ 127.8680,
-13.2459, 1.8698

■ 0.0000, 0.0000,
0.0000

■ 154.3410,
-13.9721, 1.4549

■ 180.6400,
-14.1195, 2.0697

■ 208.5260,
-14.5563, 2.1697

■ 236.4120,

-14.9931, 2.2697

■ 252.6060, -9.1728,
2.0995

■ 55.9110, -11.7881,
0.9551

■ 55.9110, -11.7881,
0.9551

■ 54.9280, -14.2615,
0.9401

■ 56.8940, -9.3147,
0.9700

■ 54.2440, -16.8823,
1.5400

■ 57.5780, -6.6940,
0.3701

■ 53.2610, -19.3557,
1.5251

■ 58.5610, -4.2206,
0.3850

■ 52.2780, -21.8291,
1.5102

■ 59.5440, -1.7472,
0.3999

■ 51.5940, -24.4498,
2.1101

■ 60.2280, 0.8736,
-0.2000

■ 51.3660, -25.3234,
2.3100

■ 61.2110, 3.3470,
-0.1850

■ 61.8950, 5.9678,
-0.7849

■ 62.8780, 8.4411,
-0.7700

■ 63.8610, 10.9145,
-0.7551

Harmonies

Analogous

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



57.3360, -12.9836, 11.1063



55.9110, -11.7881, 0.9551



53.8000, -6.8034, -11.2256

Triad

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



55.9110, -11.7881, 0.9551



48.0690, 15.2490, -37.7715



59.7620, 1.1033, 19.5027

Complementary

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



55.9110, -11.7881, 0.9551



36.0890, 11.7881, -0.9551

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.



59.7160, 7.5350, 9.8961



55.9110, -11.7881, 0.9551



54.0650, 14.7580, -20.2280

Square

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



55.9110, -11.7881, 0.9551



46.6900, 10.0128, -38.3161



58.1810, 12.2358, -4.5437



58.8780, -4.8699, 22.0320

Rectangle

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



55.9110, -11.7881, 0.9551



52.1240, -1.5401, -19.4027



58.1810, 12.2358, -4.5437



59.4350, 3.7295, 17.1585

Sweetspot

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



55.9110, -11.7881, 0.9551



77.4470, -4.6574, 0.4850



42.1330, -4.9956, 15.6694



39.9030, -2.9102, 0.0851



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.



55.9110, -11.7881, 0.9551



72.4890, -18.4821, 1.3251



51.7250, -9.7244, -7.6518



30.3590, -1.1630, -0.3148



80.2940, -39.5849, 3.2502



189.5160, -93.4314, 7.4405

Inverse Universe

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



36.0890, 11.7881, -0.9551



41.5110, 18.4821, -1.3251



40.2750, 9.7244, 7.6518



28.3420, 1.3104, -0.2999



13.7060, 39.5849, -3.2502



32.4840, 93.4314, -7.4405

Previews

White Background



This preview shows how the YUV color 55.9110, -11.7881, 0.9551 looks on a white background.

Color Contrast Check

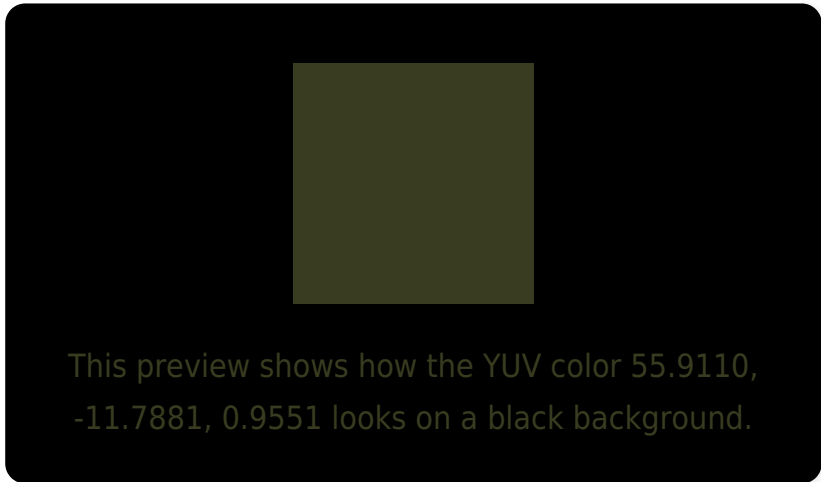
Large Text (above 18pt) WCAG AA ✓ Pass

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

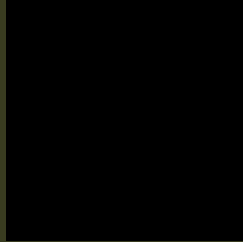
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

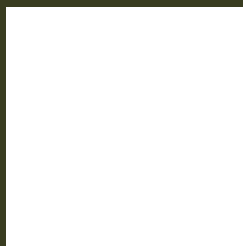
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 55.9110, -11.7881, 0.9551

Background



This preview shows how black text looks on a background with the YUV color 55.9110, -11.7881, 0.9551.



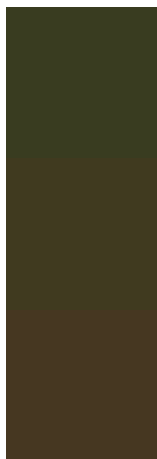
This preview shows how white text looks on a background with the YUV color 55.9110, -11.7881,

0.9551.

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

55.9110, -11.7881, 0.9551

Protanopia

56.7160, -12.6780, 6.3881

Deuteranopia

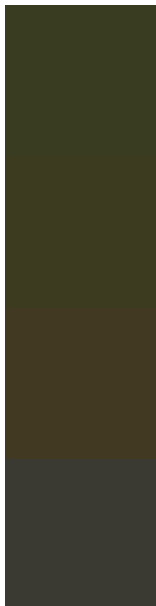
56.9770, -11.8207, 11.4212



Tritanopia

58.3530, 1.3050, 1.4444

Trichromacy



Original Color

55.9110, -11.7881, 0.9551

Protanomaly

56.4060, -12.5252, 4.0289

Deuteranomaly

56.6560, -11.6624, 7.3177

Tritanomaly

57.3870, -3.6418, 1.4146

Monochromacy



Original Color

55.9110, -11.7881, 0.9551

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.5610, -4.2206, 0.3850

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.9110, -11.7881, 0.9551 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(57, 60, 32)` looks like.

```
.text, #text, p{  
    color:rgb(57, 60, 32)  
}
```

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(57, 60, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 60, 32) }
```

Border

The CSS property to change the border of an element to YUV 55.9110, -11.7881, 0.9551 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(57, 60, 32) }
```


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

```
.border{ border-color:rgb(57, 60, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 60, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 60, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 60, 32);  
box-shadow:4px 4px 4px 4px rgb(57, 60, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.9110, -11.7881, 0.9551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 60, 32) }
```

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

```
.background{ background-color: rgb(57, 60,  
32) }
```

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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