

Converting Colors

YUV(55.1170, -10.9037, -2.7336)

Have a look what the booklet for
YUV(55.1170, -10.9037, -2.7336)
contains.

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Color

**YUV(55.1170, -10.9037,
-2.7336)**

Conversions

Conversions Part 1

Format	Color
Hex	343D21
RGB	52, 61, 33
RGB Percent	20%, 24%, 13%
CMY	0.7961, 0.7608, 0.8706
CMYK	0.15, 0.00, 0.46, 0.76
HSL	79°, 30%, 18%
HSV	79°, 46%, 24%
XYZ	3.3594, 4.1774, 2.0681
YIQ	55.1170, 3.6240, -10.6160

Conversions

Conversions Part 2

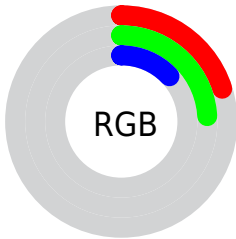
Format	Color
RYB	33, 61, 42
Decimal	3423521
CIELab	24.25, -9.40, 16.03
CIELCh	24, 18.585, 120.381
Yxy	4.1774, 0.3498, 0.4349
Android (android.graphics.Color)	4281613601 (0xFF343D21)
YUV	55.1170, -10.9037, -2.7336
Hunter-Lab	20.4386, -6.4280, 8.3077

Details

The YUV color **55.1170, -10.9037, -2.7336** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **38.8830, 10.9037, 2.7336**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.8890, -11.7773, -2.5337**, and **11.1530, -5.4984, -9.7812** is the 20% darker color. If you saturate the color by 10%, you get **53.8350, -13.2297, -3.3633**, and if you desaturate by 10%, it is **56.3990, -8.5777, -2.1039**.

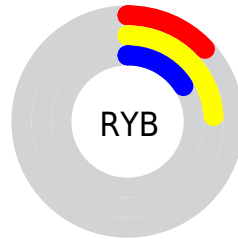
Distribution



Red (20%)

Green (24%)

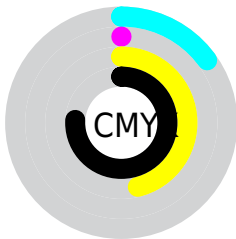
Blue (13%)



Red (13%)

Yellow (24%)

Blue (16%)

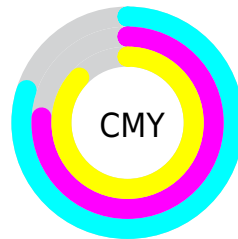


Cyan (15%)

Magenta (0%)

Yellow (46%)

Black (76%)



Cyan (80%)

Magenta (76%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.1170, -10.9037, -2.7336 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 55.1170, -10.9037, -2.7336 by changing the saturation by 10% instead.

■ 55.1170, -10.9037,
-2.7336

■ 55.1170, -10.9037,
-2.7336

255.0000, 0.0000,
0.0000

■ 33.4160, -11.0511,
-2.1188

■ 101.8890,
-11.7773, -2.5337

■ 11.1530, -5.4984,
-9.7812

■ 127.3620,
-12.5035, -2.9485

■ 0.0000, 0.0000,
0.0000

■ 153.2480,
-12.9403, -2.8485

■ 180.1340,
-13.3771, -2.7485

■ 208.0200,
-13.8139, -2.6485

■ 235.9060,

-14.2507, -2.5486

■ 252.8340, -8.2992,
1.8996

■ 55.1170, -10.9037,
-2.7336

■ 55.1170, -10.9037,
-2.7336

■ 53.8350, -13.2297,
-3.3633

■ 56.3990, -8.5777,
-2.1039

■ 52.5530, -15.5556,
-3.9930

■ 57.6810, -6.2517,
-1.4742

■ 51.2710, -17.8816,
-4.6227

■ 58.9630, -3.9258,
-0.8446

■ 49.9890, -20.2076,
-5.2524

■ 60.2450, -1.5998,
-0.2149

■ 48.7070, -22.5336,
-5.8820

■ 61.6410, 1.1630,
0.3148

■ 48.0660, -23.6965,
-6.1969

■ 62.9230, 3.4890,
0.9445

■ 64.2050, 5.8149,
1.5742

■ 65.4870, 8.1409,
2.2039

■ 66.7690, 10.4669,
2.8336

Harmonies

Analogous

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



56.4990, -13.5570, 8.3324



55.1170, -10.9037, -2.7336



52.9350, -4.8980, -15.7290

Triad

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



55.1170, -10.9037, -2.7336



49.0200, 16.2591, -35.0975



59.3170, -0.6493, 21.6470

Complementary

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



55.1170, -10.9037, -2.7336



38.8830, 10.9037, 2.7336

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.



59.3960, 6.2138, 13.6847



55.1170, -10.9037, -2.7336



55.3860, 14.5997, -16.1245

Square

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



55.1170, -10.9037, -2.7336



46.2490, 12.2022, -40.5604



58.6870, 11.4933, 0.2745



58.3080, -7.0538, 22.5319

Rectangle

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



55.1170, -10.9037, -2.7336



50.7750, 1.0969, -25.2357



58.6870, 11.4933, 0.2745



59.2890, 1.8295, 19.9175

Sweetspot

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



55.1170, -10.9037, -2.7336



76.5500, -4.2151, -1.3593



46.6550, -6.7319, 12.5806



39.6040, -2.7628, -0.5297



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.



55.1170, -10.9037, -2.7336



69.9120, -16.7186, -4.3078



50.9310, -8.8400, -11.3405



30.3590, -1.1630, -0.3148



74.3140, -36.6368, -9.0454



175.4630, -86.5033, -21.4541

Inverse Universe

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



38.8830, 10.9037, 2.7336



45.0880, 16.7186, 4.3078



43.0690, 8.8400, 11.3405



28.6410, 1.1630, 0.3148



19.6860, 36.6368, 9.0454



46.5370, 86.5033, 21.4541

Previews

White Background



This preview shows how the YUV color 55.1170, -10.9037, -2.7336 looks on a white background.

Color Contrast Check

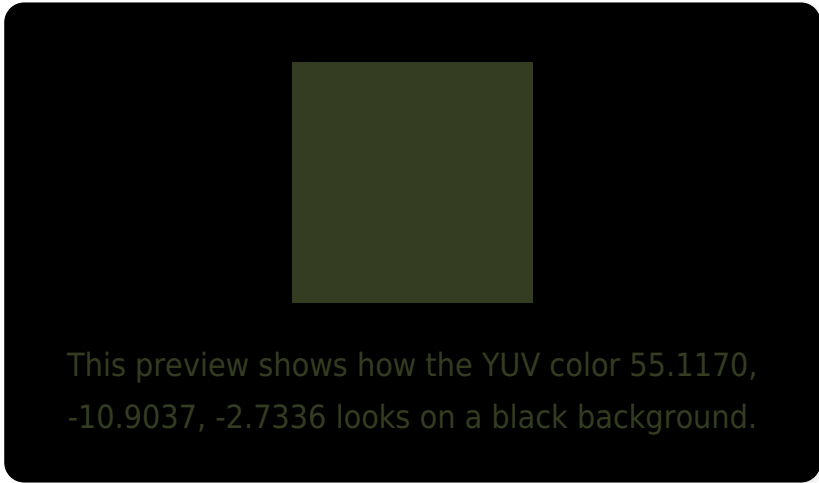
Large Text (above 18pt) WCAG AA ✓ Pass

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

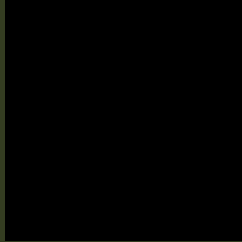
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

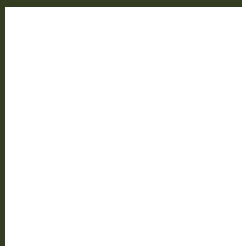
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 55.1170, -10.9037, -2.7336

Background



This preview shows how black text looks on a background with the YUV color 55.1170, -10.9037, -2.7336.



This preview shows how white text looks on a background with the YUV color 55.1170, -10.9037, -2.7336.

-2.7336.

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

55.1170, -10.9037, -2.7336

Protanopia

56.5310, -12.0938, 5.6733

Deuteranopia

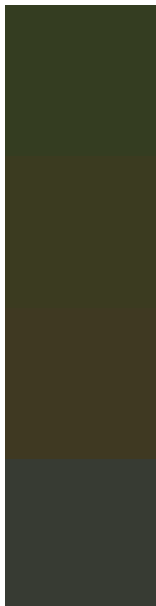
57.0910, -11.3839, 11.3212



Tritanopia

57.8580, 2.0420, -1.6295

Trichromacy



Original Color

55.1170, -10.9037, -2.7336

Protanomaly

55.9220, -11.7935, 2.6994

Deuteranomaly

56.1720, -10.9308, 5.9882

Tritanomaly

56.8920, -2.9048, -1.6593

Monochromacy



Original Color

55.1170, -10.9037, -2.7336

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9630, -3.9258, -0.8446

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.1170, -10.9037, -2.7336 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(52, 61, 33)` looks like.

```
.text, #text, p{  
    color:rgb(52, 61, 33)  
}
```

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(52, 61, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 61, 33) }
```

Border

The CSS property to change the border of an element to YUV 55.1170, -10.9037, -2.7336 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(52, 61, 33) }
```


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

```
.border{ border-color:rgb(52, 61, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 61, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 61, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 61, 33);  
box-shadow:4px 4px 4px 4px rgb(52, 61, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.1170, -10.9037, -2.7336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 61, 33) }
```

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

```
.background{ background-color: rgb(52, 61,  
33) }
```

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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