

Converting Colors

YUV(55.0100, 31.5471,
-38.5968)

Have a look what the booklet for
YUV(55.0100, 31.5471, -38.5968)
contains.

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Color

**YUV(55.0100, 31.5471,
-38.5968)**

Conversions

Conversions Part 1

Format	Color
Hex	0B4177
RGB	11, 65, 119
RGB Percent	4%, 25%, 47%
CMY	0.9569, 0.7451, 0.5333
CMYK	0.91, 0.45, 0.00, 0.53
HSL	210°, 83%, 25%
HSV	210°, 91%, 47%
XYZ	5.3581, 5.1837, 18.1709
YIQ	55.0100, -49.5180, 5.3460

Conversions

Conversions Part 2

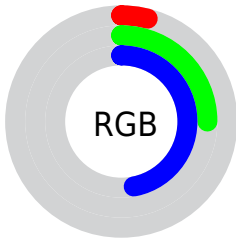
Format	Color
R_{YB}	11, 47, 119
Decimal	737655
CIE _{Lab}	27.25, 5.29, -35.54
CIE _{LCh}	27, 35.931, 278.461
Yxy	5.1837, 0.1866, 0.1805
Android (android.graphics.Color)	4278927735 (0xFF0B4177)
YUV	55.0100, 31.5471, -38.5968
Hunter-Lab	22.7676, 2.1644, -31.3822

Details

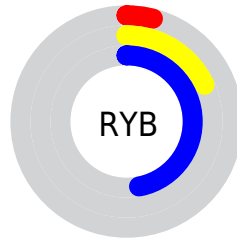
The YUV color **55.0100, 31.5471, -38.5968** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **74.9900, -31.5471, 38.5968**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.3750, 31.3671, -27.5159**, and **22.0680, 23.6305, -19.3536** is the 20% darker color. If you saturate the color by 10%, you get **48.1990, 34.9049, -42.2705**, and if you desaturate by 10%, it is **62.1200, 28.0418, -34.3082**.

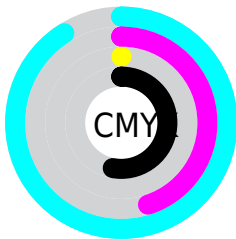
Distribution



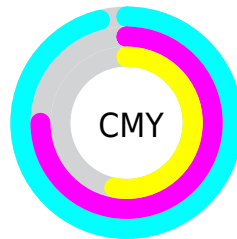
- Red (4%)
- Green (25%)
- Blue (47%)



- Red (4%)
- Yellow (18%)
- Blue (47%)



- Cyan (91%)
- Magenta (45%)
- Yellow (0%)
- Black (53%)



- Cyan (96%)
- Magenta (75%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.0100, 31.5471, -38.5968 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 55.0100, 31.5471, -38.5968 by changing the saturation by 10% instead.

■ 55.0100, 31.5471,
-38.5968

■ 55.0100, 31.5471,
-38.5968

■ 255.0000, 0.0000,
0.0000

■ 35.9570, 28.6152,
-31.5343

■ 108.3750, 31.3671,
-27.5159

■ 22.0680, 23.6305,
-19.3536

■ 135.0870, 31.5091,
-26.3863

■ 7.7060, 19.3719,
-6.7582

■ 161.6140, 32.2353,
-25.9715

■ 3.4370, 10.6306,
-3.0142

■ 189.0270, 32.5247,
-25.4567

■ 0.0000, 0.0000,
0.0000

■ 213.8350, 20.2943,
-22.6573

■ 238.9420, 7.9166,

-19.2431

252.6080, 1.1793,
-4.9182

55.0100, 31.5471,
-38.5968

55.0100, 31.5471,
-38.5968

48.1990, 34.9049,
-42.2705

62.1200, 28.0418,
-34.3082

69.2300, 24.5366,
-30.0197

76.3400, 21.0314,
-25.7312

83.4500, 17.5262,
-21.4426

90.2610, 14.1683,
-17.7689

■ 97.3710, 10.6631,
-13.4804

■ 104.4810, 7.1579,
-9.1918

■ 111.5910, 3.6526,
-4.9033

■ 118.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



55.9610, 29.1062, -49.0778



55.0100, 31.5471, -38.5968



66.4350, 20.4915, 7.5115

Triad

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



55.0100, 31.5471, -38.5968



62.0670, -14.8230, 41.1602



49.5140, -3.2114, -43.4238

Complementary

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



55.0100, 31.5471, -38.5968



74.9900, -31.5471, 38.5968

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.



56.4610, -19.4543, -13.5593



55.0100, 31.5471, -38.5968



62.0040, -26.1310, 28.0605

Square

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



55.0100, 31.5471, -38.5968



62.4170, -2.1776, 45.2383



60.0850, -29.1289, 9.5725



53.4070, 9.1663, -46.8379

Rectangle

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



55.0100, 31.5471, -38.5968



65.8350, 13.8853, 26.4547



60.0850, -29.1289, 9.5725



49.6950, -7.7376, -38.3205

Sweetspot

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



55.0100, 31.5471, -38.5968



131.1150, 12.2683, -15.0099



80.5520, -7.6671, -60.9971



63.8940, 7.4473, -8.6770



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



55.0100, 31.5471, -38.5968



63.5700, 45.5680, -55.7509



23.3120, 47.1742, -10.7976



55.4450, 1.7526, -2.1443



49.7150, 35.6365, -43.6001



101.8750, 73.0256, -89.3444

Inverse Universe

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



49.4480, 7.6671, 60.9971



55.5360, 11.0748, 88.1069



106.6880, -47.1742, 10.7976



55.1360, 0.4260, 3.3887



43.4320, 8.6610, 68.9041



89.0000, 17.7480, 141.1970

Previews

White Background



This preview shows how the YUV color 55.0100, 31.5471, -38.5968 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



This preview shows how the YUV color 55.0100, 31.5471, -38.5968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

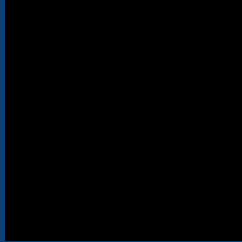
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.0100, 31.5471, -38.5968

Background



This preview shows how black text looks on a background with the YUV color 55.0100, 31.5471, -38.5968.



This preview shows how white text looks on a background with the YUV color 55.0100, 31.5471,

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

55.0100, 31.5471, -38.5968

Protanopia

61.6810, 27.2723, -20.7682

Deuteranopia

51.9660, 31.5688, -45.5742



Tritanopia

51.0420, 12.7973, -44.7638

Trichromacy



Original Color

55.0100, 31.5471, -38.5968

Protanomaly

59.3920, 28.8937, -27.5308

Deuteranomaly

53.2760, 31.4159, -43.2151

Tritanomaly

52.1870, 19.6278, -42.2600

Monochromacy



Original Color

55.0100, 31.5471, -38.5968

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.1860, 11.2473, -14.1951

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.0100, 31.5471, -38.5968 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(11, 65, 119)` looks like.

```
.text, #text, p{  
    color:rgb(11, 65, 119)  
}
```

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(11, 65, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 65, 119) }
```

Border

The CSS property to change the border of an element to YUV 55.0100, 31.5471, -38.5968 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(11, 65, 119) }
```


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

```
.border{ border-color:rgb(11, 65, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 65, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 65, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 65, 119);  
box-shadow:4px 4px 4px 4px rgb(11, 65,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 55.0100, 31.5471, -38.5968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 65, 119) }
```

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

```
.background{ background-color: rgb(11, 65,  
119) }
```

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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