

Converting Colors

YUV(55.0120, 82.3251,
-38.5985)

Have a look what the booklet for
YUV(55.0120, 82.3251, -38.5985)
contains.

YUV(55.0120, 82.3251, -38.5985)	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(55.0120, 82.3251,
-38.5985)**

Conversions

Conversions Part 1

Format	Color
Hex	0B2DDE
RGB	11, 45, 222
RGB Percent	4%, 18%, 87%
CMY	0.9569, 0.8235, 0.1294
CMYK	0.95, 0.80, 0.00, 0.13
HSL	230°, 91%, 46%
HSV	230°, 95%, 87%
XYZ	14.2612, 7.2218, 69.7495
YIQ	55.0120, -77.0810, 47.8390

Conversions

Conversions Part 2

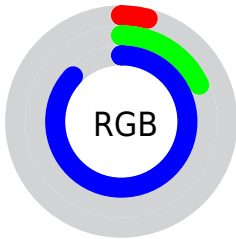
Format	Color
RYB	11, 40, 222
Decimal	732638
CIELab	32.31, 57.47, -89.12
CIELCh	32, 106.045, 302.817
Yxy	7.2218, 0.1563, 0.0792
Android (android.graphics.Color)	4278922718 (0xFF0B2DDE)
YUV	55.0120, 82.3251, -38.5985
Hunter-Lab	26.8735, 47.6977, -135.0744

Details

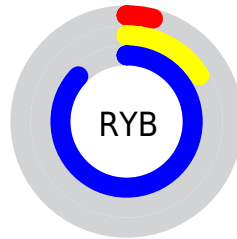
The YUV color **55.0120, 82.3251, -38.5985** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **177.9880, -82.3251, 38.5985**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.4370, 67.8186, -5.6452**, and **18.8100, 72.0717, -16.4964** is the 20% darker color. If you saturate the color by 10%, you get **46.4400, 86.5511, -40.7279**, and if you desaturate by 10%, it is **72.7430, 73.5837, -34.8546**.

Distribution



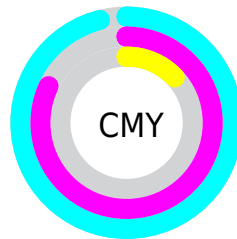
- Red (4%)
- Green (18%)
- Blue (87%)



- Red (4%)
- Yellow (16%)
- Blue (87%)



- Cyan (95%)
- Magenta (80%)
- Yellow (0%)
- Black (13%)



- Cyan (96%)
- Magenta (82%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.0120, 82.3251, -38.5985 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 55.0120, 82.3251, -38.5985 by changing the saturation by 10% instead.

■ 55.0120, 82.3251,
-38.5985

■ 55.0120, 82.3251,
-38.5985

■ 255.0000, 0.0000,
0.0000

■ 34.3290, 78.2248,
-30.1065

■ 117.4370, 67.8186,
-5.6452

■ 18.8100, 72.0717,
-16.4964

■ 142.8650, 55.2826,
1.8724

■ 15.7320, 60.2781,
-13.7970

■ 167.6950, 43.0414,
8.1605

■ 13.8280, 47.9058,
-12.1272

■ 193.1120, 30.5108,
13.9338

■ 16.8480, 34.0919,
-14.7757

■ 219.1160, 17.6908,
19.1923

■ 10.4760, 24.9083,
-9.1875

■ 239.7380, 7.5242,

■ 6.2070, 16.1669,

13.3848

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 55.0120, 82.3251,
-38.5985

■ 55.0120, 82.3251,
-38.5985

■ 46.4400, 86.5511,
-40.7279

■ 72.7430, 73.5837,
-34.8546

■ 89.8870, 65.1317,
-30.5959

■ 107.9170, 56.2429,
-26.2372

■ 125.0610, 47.7909,
-21.9785

■ 142.7920, 39.0495,
-18.2346

■ 160.5230, 30.3082,
-14.4907

■ 177.6670, 21.8562,
-10.2320

■ 195.6970, 12.9674,
-5.8733

■ 213.4280, 4.2260,
-2.1294

Harmonies

Analogous

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



81.4440, 83.5911, -71.4264



55.0120, 82.3251, -38.5985



69.3970, 42.2023, 90.8598

Triad

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



55.0120, 82.3251, -38.5985



60.6990, -29.9246, 78.3170



68.7490, 7.0257, -60.2929

Complementary

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



55.0120, 82.3251, -38.5985



177.9880, -82.3251, 38.5985

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.



58.1130, -28.6497, -50.9651



55.0120, 82.3251, -38.5985



71.2120, -35.1075, 13.8461

Square

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



55.0120, 82.3251, -38.5985



58.0060, -28.5970, 119.2667



54.5910, -26.9134, -47.8763



80.0860, 42.8486, -70.2354

Rectangle

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



55.0120, 82.3251, -38.5985



71.4990, 14.0510, 113.5724



54.5910, -26.9134, -47.8763



65.3290, -6.0782, -57.2935

Sweetspot

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



55.0120, 82.3251, -38.5985



196.4800, 28.8504, -13.5760



154.9210, 15.8149, -126.2187



92.2390, 17.6302, -8.1026



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



55.0120, 82.3251, -38.5985



53.1370, 99.5185, -46.6011



55.9840, 81.8459, 21.9390



103.4280, 4.2260, -2.1294



36.5000, 68.7735, -32.0105



10.1680, 18.6512, -8.9173

Inverse Universe

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



77.9650, -16.2517, 126.3187



80.9190, -19.6801, 152.6690



177.0160, -81.8459, -21.9390



104.5170, -0.7479, 6.5626



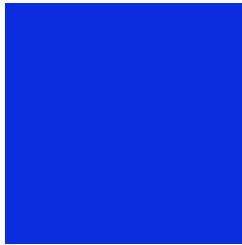
55.8160, -13.7133, 105.4014



15.2640, -3.5812, 28.7095

Previews

White Background



This preview shows how the YUV color 55.0120, 82.3251, -38.5985 looks on a white background.

Color Contrast Check

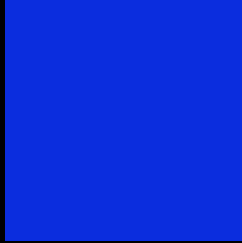
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.0120, 82.3251, -38.5985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

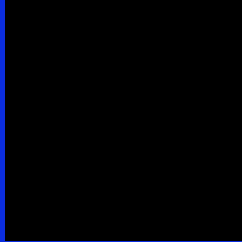
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.0120, 82.3251, -38.5985

Background



This preview shows how black text looks on a background with the YUV color 55.0120, 82.3251, -38.5985.



This preview shows how white text looks on a background with the YUV color 55.0120, 82.3251,

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

55.0120, 82.3251, -38.5985

Protanopia

60.2930, 45.7046, -52.8770

Deuteranopia

60.6060, 34.2112, -53.1515



Tritanopia

59.3400, 14.1294, -52.0412

Trichromacy



Original Color

55.0120, 82.3251, -38.5985

Protanomaly

58.4690, 58.9288, -47.7693

Deuteranomaly

58.5200, 51.5086, -47.8140

Tritanomaly

57.9040, 38.9943, -47.2738

Monochromacy



Original Color

55.0120, 82.3251, -38.5985

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8220, 30.1608, -13.8759

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.0120, 82.3251, -38.5985 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, 45, 222)` looks like.

```
.text, #text, p{  
    color:rgb(11, 45, 222)  
}
```

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, 45, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 45, 222) }
```

Border

The CSS property to change the border of an element to YUV 55.0120, 82.3251, -38.5985 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, 45, 222) }
```


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

```
.border{ border-color:rgb(11, 45, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 45, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 45, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 45, 222);  
box-shadow:4px 4px 4px 4px rgb(11, 45,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 55.0120, 82.3251, -38.5985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 45, 222) }
```

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

```
.background{ background-color: rgb(11, 45,  
222) }
```

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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