

Converting Colors

YUV(113.9510, 55.2402,
62.3100)

Have a look what the booklet for
YUV(113.9510, 55.2402, 62.3100)
contains.

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Color

**YUV(113.9510, 55.2402,
62.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	B938E2
RGB	185, 56, 226
RGB Percent	73%, 22%, 89%
CMY	0.2745, 0.7804, 0.1137
CMYK	0.18, 0.75, 0.00, 0.11
HSL	286°, 75%, 55%
HSV	286°, 75%, 89%
XYZ	35.1492, 18.6336, 73.6956
YIQ	113.9510, 22.3140, 80.2180

Conversions

Conversions Part 2

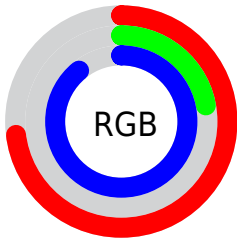
Format	Color
R _Y B	185, 56, 226
Decimal	12138722
CIE Lab	50.26, 73.31, -61.37
CIE LCh	50, 95.601, 320.067
Yxy	18.6336, 0.2757, 0.1462
Android (android.graphics.Color)	4290328802 (0xFFB938E2)
YUV	113.9510, 55.2402, 62.3100
Hunter-Lab	43.1667, 69.8051, -71.0052

Details

The YUV color **113.9510, 55.2402, 62.3100** is a light color, and the websafe version is hex **9933CC**. The color can be described as light washed purple. A complement of this color would be **168.0490, -55.2402, -62.3100**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4170, 41.6994, 65.4093**, and **57.3530, 55.5350, 61.0804** is the 20% darker color. If you saturate the color by 10%, you get **98.9550, 62.6332, 71.0765**, and if you desaturate by 10%, it is **128.9470, 47.8471, 53.5435**.

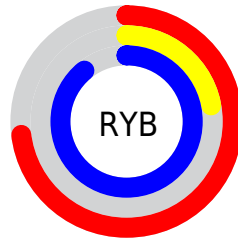
Distribution



Red (73%)

Green (22%)

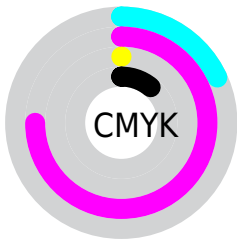
Blue (89%)



Red (73%)

Yellow (22%)

Blue (89%)

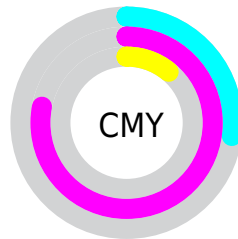


Cyan (18%)

Magenta (75%)

Yellow (0%)

Black (11%)



Cyan (27%)

Magenta (78%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.9510, 55.2402, 62.3100 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 113.9510, 55.2402, 62.3100 by changing the saturation by 10% instead.

113.9510, 55.2402,
62.3100

113.9510, 55.2402,
62.3100

255.0000, 0.0000,
0.0000

77.3200, 59.0022,
69.0024

170.4170, 41.6994,
65.4093

57.3530, 55.5350,
61.0804

189.8430, 32.1224,
57.1427

45.4900, 47.5794,
46.0513

206.8660, 23.7301,
42.2135

33.8550, 40.4975,
30.8222

223.8890, 15.3377,
27.2843

23.2310, 33.4101,
17.3374

241.4990, 6.6560,
11.8404

7.5240, 28.8287,
-6.5985

6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 113.9510, 55.2402,
62.3100

■ 113.9510, 55.2402,
62.3100

■ 98.9550, 62.6332,
71.0765

■ 128.9470, 47.8471,
53.5435

■ 84.2470, 69.8842,
78.7134

■ 143.6550, 40.5961,
45.9066

■ 76.8930, 73.5098,
82.5318

■ 158.6510, 33.2031,
37.1401

■ 173.3590, 25.9520,
29.5032

■ 188.3550, 18.5590,
20.7367

■ 203.6500, 11.0185,
12.5849

■ 218.0590, 3.9149,
4.3333

■ 233.3540, -3.6255,
-3.8185

■ 245.4150, -9.5716,
-10.0110

Harmonies

Analogous

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



94.2270, 79.2611, -82.6371



113.9510, 55.2402, 62.3100



90.3550, 29.4050, 135.6237

Triad

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



113.9510, 55.2402, 62.3100



113.0410, -55.7292, 48.1990



109.0600, 32.0154, -95.6456

Complementary

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



113.9510, 55.2402, 62.3100



168.0490, -55.2402, -62.3100

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.



98.1960, -4.5336, -86.1179



113.9510, 55.2402, 62.3100



105.5900, -52.0559, -10.1644

Square

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



113.9510, 55.2402, 62.3100



100.7230, -49.6564, 107.2369



84.5280, -41.6723, -74.1311



115.9800, 63.6069, -101.7145

Rectangle

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



113.9510, 55.2402, 62.3100



87.3030, 4.7806, 147.0703



84.5280, -41.6723, -74.1311



105.2810, 20.0745, -92.3314

Sweetspot

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



113.9510, 55.2402, 62.3100



216.1810, 19.1378, 21.7663



100.6210, 61.8118, -39.1326



104.1770, 11.7447, 12.9998



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.



113.9510, 55.2402, 62.3100



103.5450, 74.6673, 84.5910



121.4220, 30.8510, 91.7149



104.6460, 3.6255, 3.8185



60.1300, 57.1239, 64.7840



16.5350, 15.5122, 17.9478

Inverse Universe

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



111.5040, -7.1505, 100.4130



100.1540, -9.4429, 135.7999



160.6920, -30.4142, -91.8149



104.6310, -0.3111, 6.4626



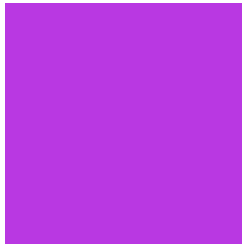
57.4120, -7.5981, 104.0017



15.7200, -1.8340, 28.3096

Previews

White Background



This preview shows how the YUV color 113.9510, 55.2402, 62.3100 looks on a white background.

Color Contrast Check

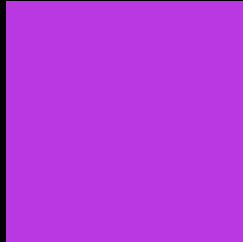
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 113.9510, 55.2402, 62.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

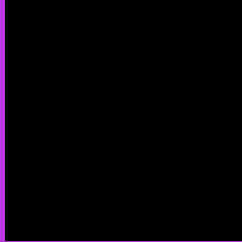
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.9510, 55.2402, 62.3100

Background



This preview shows how black text looks on a background with the YUV color 113.9510, 55.2402, 62.3100.



This preview shows how white text looks on a background with the YUV color 113.9510, 55.2402, 62.3100.

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

113.9510, 55.2402, 62.3100

Protanopia

96.0220, 73.4462, -84.2113

Deuteranopia

103.3000, 55.0681, -69.5461



Tritanopia

121.1300, -6.9661, 41.1050

Trichromacy



Original Color

113.9510, 55.2402, 62.3100



Protanomaly

102.3430, 66.8789, -30.9958



Deuteranomaly

107.3090, 55.0637, -21.3190



Tritanomaly

118.4340, 15.5620, 48.7314

Monochromacy



Original Color

113.9510, 55.2402, 62.3100



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

114.1210, 20.1533, 22.6959

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.9510, 55.2402, 62.3100 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(185, 56, 226)` looks like.

```
.text, #text, p{  
    color:rgb(185, 56, 226)  
}
```

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(185, 56, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 56, 226) }
```

Border

The CSS property to change the border of an element to YUV 113.9510, 55.2402, 62.3100 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(185, 56, 226) }
```


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

```
.border{ border-color:rgb(185, 56, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 56, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 56, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 56, 226); box-shadow:4px 4px 4px 4px rgb(185, 56, 226) }
```

Background

The CSS property to change the background color of an element to YUV 113.9510, 55.2402, 62.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 56, 226) }
```

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

```
.background{ background-color: rgb(185, 56,  
226) }
```

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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