

Converting Colors

YUV(55.0190, 62.1086, 52.6033)

Have a look what the booklet for
YUV(55.0190, 62.1086, 52.6033)
contains.

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Color

**YUV(55.0190, 62.1086,
52.6033)**

Conversions

Conversions Part 1

Format	Color
Hex	7300B5
RGB	115, 0, 181
RGB Percent	45%, 0%, 71%
CMY	0.5490, 1.0000, 0.2902
CMYK	0.36, 1.00, 0.00, 0.29
HSL	278°, 100%, 35%
HSV	278°, 100%, 71%
XYZ	15.4107, 6.9810, 44.2513
YIQ	55.0190, 10.4390, 80.6710

Conversions

Conversions Part 2

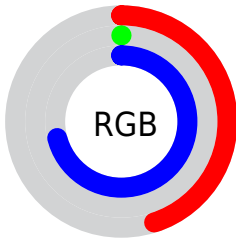
Format	Color
R_{YB}	115, 0, 181
Decimal	7536821
CIE Lab	31.76, 66.77, -65.79
CIE LCh	32, 93.737, 315.421
Yxy	6.9810, 0.2312, 0.1048
Android (android.graphics.Color)	4285726901 (0xFF7300B5)
YUV	55.0190, 62.1086, 52.6033
Hunter-Lab	26.4216, 57.8742, -80.8045

Details

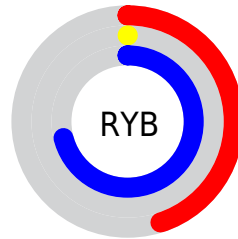
The YUV color **55.0190, 62.1086, 52.6033** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **125.9810, -62.1086, -52.6033**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.2970, 57.0416, 44.4665**, and **31.2220, 47.2186, 21.7303** is the 20% darker color. If you saturate the color by 10%, you get **55.0190, 62.1086, 52.6033**, and if you desaturate by 10%, it is **67.6780, 55.8677, 47.6404**.

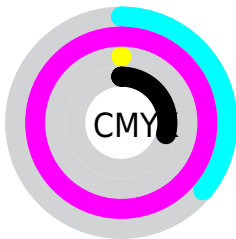
Distribution



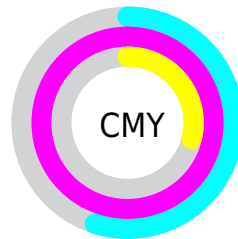
- Red (45%)
- Green (0%)
- Blue (71%)



- Red (45%)
- Yellow (0%)
- Blue (71%)



- Cyan (36%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (55%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.0190, 62.1086, 52.6033 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 55.0190, 62.1086, 52.6033 by changing the saturation by 10% instead.

■ 55.0190, 62.1086,
52.6033

■ 55.0190, 62.1086,
52.6033

■ 255.0000, 0.0000,
0.0000

■ 43.1560, 54.1531,
37.5742

■ 122.2970, 57.0416,
44.4665

■ 31.2220, 47.2186,
21.7303

■ 149.6410, 51.9420,
46.7958

■ 18.3910, 40.7262,
4.0421

■ 174.4600, 39.7062,
51.3396

■ 8.6640, 33.1966,
-7.5983

■ 197.4740, 28.3603,
50.4503

■ 8.2760, 21.5559,
-7.2581

■ 214.4970, 19.9680,
35.5211

■ 4.5940, 12.5252,
-4.0289

■ 231.5200, 11.5756,

■ 0.0000, 0.0000,

20.5920

0.0000

■ 248.5430, 3.1833,
5.6628

■ 55.0190, 62.1086,
52.6033

■ 67.6780, 55.8677,
47.6404

■ 80.0380, 49.7743,
42.0627

■ 92.6970, 43.5334,
37.0997

■ 105.0570, 37.4399,
31.5220

■ 118.3030, 30.9096,
26.0443

■ 130.9620, 24.6687,
21.0813

■ 143.3220, 18.5753,
15.5036

■ 155.9810, 12.3344,
10.5407

■ 168.3410, 6.2409,
4.9629

Harmonies

Analogous

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



69.3330, 75.2648, -60.8050



55.0190, 62.1086, 52.6033



66.8160, 23.2617, 99.2624

Triad

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



55.0190, 62.1086, 52.6033



70.2250, -34.6209, 44.5297



71.5820, 20.4191, -62.7774

Complementary

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



55.0190, 62.1086, 52.6033



125.9810, -62.1086, -52.6033

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.



61.2880, -13.9460, -53.7496



55.0190, 62.1086, 52.6033



65.1660, -32.1268, -8.9156

Square

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



55.0190, 62.1086, 52.6033



49.9330, -24.6170, 102.6678



55.1780, -27.2028, -48.3911



79.9210, 49.8319, -70.0907

Rectangle

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



55.0190, 62.1086, 52.6033



64.9320, 0.5265, 111.4386



55.1780, -27.2028, -48.3911



68.0310, 9.3517, -59.6632

Sweetspot

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



55.0190, 62.1086, 52.6033



185.5490, 24.3793, 20.5665



59.3760, 59.9606, -52.0728



87.8610, 14.3655, 12.3999



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



55.0190, 62.1086, 52.6033



71.3410, 80.6839, 68.1069



72.0170, 41.8966, 95.5781



82.8200, 3.0467, 2.7889



46.4450, 52.5316, 44.3367



7.7480, 8.9982, 7.2370

Inverse Universe

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



61.6430, 2.1480, 104.6761



80.0690, 2.9240, 135.8745



108.9830, -41.8966, -95.5781



83.1470, 0.4205, 5.1331



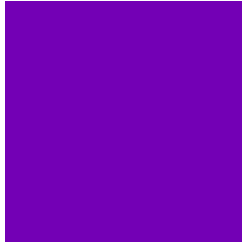
52.1310, 1.9074, 88.4621



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 55.0190, 62.1086, 52.6033 looks on a white background.

Color Contrast Check

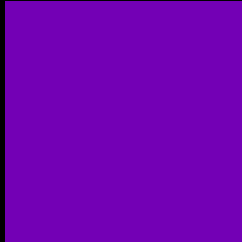
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.0190, 62.1086, 52.6033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

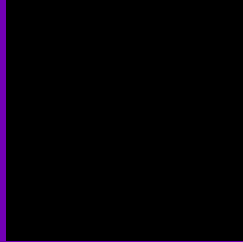
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.0190, 62.1086, 52.6033

Background



This preview shows how black text looks on a background with the YUV color 55.0190, 62.1086, 52.6033.



This preview shows how white text looks on a background with the YUV color 55.0190, 62.1086,

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



Protanopia

61.9230, 46.8730, -54.3065

Deuteranopia

61.7630, 36.1058, -54.1662

Tritanopia

78.7460, -1.3538, 14.2548

Trichromacy



Protanomaly

59.6580, 52.4266, -15.4861

Deuteranomaly

59.2360, 45.7327, -15.1160

Tritanomaly

69.9090, 21.7369, 28.1438

Monochromacy



Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0820, 22.6376, 19.2221

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.0190, 62.1086, 52.6033 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(115, 0, 181)` looks like.

```
.text, #text, p{  
    color:rgb(115, 0, 181)  
}
```

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(115, 0, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 0, 181) }
```

Border

The CSS property to change the border of an element to YUV 55.0190, 62.1086, 52.6033 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(115, 0, 181) }
```

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

```
.border{ border-color:rgb(115, 0, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 0, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 0, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 0, 181);  
box-shadow:4px 4px 4px 4px rgb(115, 0,  
181) }
```


Background

The CSS property to change the background color of an element to YUV 55.0190, 62.1086, 52.6033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 0, 181) }
```

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

```
.background{ background-color: rgb(115, 0,  
181) }
```

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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