

Converting Colors

YUV(55.4320, 62.3980, 53.1181)

Have a look what the booklet for
YUV(55.4320, 62.3980, 53.1181)
contains.

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Color

**YUV(55.4320, 62.3980,
53.1181)**

Conversions

Conversions Part 1

Format	Color
Hex	7400B6
RGB	116, 0, 182
RGB Percent	45%, 0%, 71%
CMY	0.5451, 1.0000, 0.2863
CMYK	0.36, 1.00, 0.00, 0.29
HSL	278°, 100%, 36%
HSV	278°, 100%, 71%
XYZ	15.6460, 7.0904, 44.7999
YIQ	55.4320, 10.7140, 81.1940

Conversions

Conversions Part 2

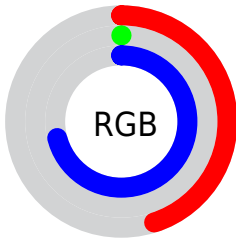
Format	Color
R_{YB}	116, 0, 182
Decimal	7602358
CIE _{Lab}	32.01, 67.08, -65.98
CIE _{LCh}	32, 94.086, 315.475
Y _{xy}	7.0904, 0.2317, 0.1050
Android (android.graphics.Color)	4285792438 (0xFF7400B6)
Y _{UV}	55.4320, 62.3980, 53.1181
Hunter-Lab	26.6278, 58.2843, -81.1129

Details

The YUV color **55.4320, 62.3980, 53.1181** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **126.5680, -62.3980, -53.1181**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.7100, 57.3310, 44.9813**, and **31.6350, 47.5079, 22.2451** is the 20% darker color. If you saturate the color by 10%, you get **55.4320, 62.3980, 53.1181**, and if you desaturate by 10%, it is **68.0910, 56.1571, 48.1552**.

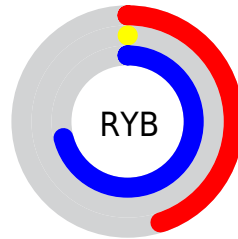
Distribution



Red (45%)

Green (0%)

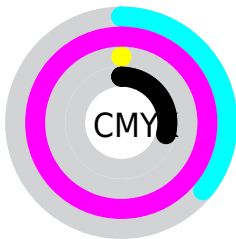
Blue (71%)



Red (45%)

Yellow (0%)

Blue (71%)

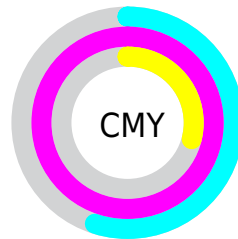


Cyan (36%)

Magenta (100%)

Yellow (0%)

Black (29%)



Cyan (55%)

Magenta (100%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.4320, 62.3980, 53.1181 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 55.4320, 62.3980, 53.1181 by changing the saturation by 10% instead.

■ 55.4320, 62.3980,
53.1181

■ 55.4320, 62.3980,
53.1181

■ 255.0000, 0.0000,
0.0000

■ 43.5690, 54.4425,
38.0890

■ 122.7100, 57.3310,
44.9813

■ 31.6350, 47.5079,
22.2451

■ 149.9400, 51.7946,
47.4106

■ 18.8040, 41.0156,
4.5569

■ 175.3460, 39.2694,
51.4396

■ 8.7780, 33.6334,
-7.6983

■ 198.0610, 28.0709,
49.9355

■ 8.9770, 21.7033,
-7.8728

■ 214.4970, 19.9680,
35.5211

■ 4.7080, 12.9620,
-4.1289

■ 231.5200, 11.5756,


■ 0.1140, 0.4368,


20.5920


-0.1000


 248.5430, 3.1833,
5.6628

 0.0000, 0.0000,
0.0000


 55.4320, 62.3980,
53.1181

 68.0910, 56.1571,
48.1552

 80.4510, 50.0637,
42.5775

 93.6970, 43.5334,
37.0997

 106.0570, 37.4399,
31.5220

 118.7160, 31.1990,
26.5591

■ 131.3750, 24.9581,
21.5961

■ 143.7350, 18.8646,
16.0184

■ 156.9810, 12.3344,
10.5407

■ 169.3410, 6.2409,
4.9629

Harmonies

Analogous

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



69.4470, 75.7016, -60.9050



55.4320, 62.3980, 53.1181



67.2290, 23.5511, 99.7772

Triad

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



55.4320, 62.3980, 53.1181



70.5240, -34.7683, 45.1445



71.6960, 20.8559, -62.8774

Complementary

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



55.4320, 62.3980, 53.1181



126.5680, -62.3980, -53.1181

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.



61.4020, -13.5092, -53.8496



55.4320, 62.3980, 53.1181



66.0520, -32.5636, -8.8156

Square

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



55.4320, 62.3980, 53.1181



50.2320, -24.7644, 103.2825



55.1780, -27.2028, -48.3911



80.1490, 50.7055, -70.2907

Rectangle

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



55.4320, 62.3980, 53.1181



65.2310, 0.3791, 112.0534



55.1780, -27.2028, -48.3911



68.7320, 9.4991, -60.2780

Sweetspot

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



55.4320, 62.3980, 53.1181



187.5490, 24.3793, 20.5665



60.0770, 60.1080, -52.6875



89.9750, 14.8023, 12.2999



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



55.4320, 62.3980, 53.1181



72.1670, 81.2627, 69.1365



72.4300, 42.1860, 96.0929



85.5210, 3.1941, 2.1741



47.3850, 53.5472, 45.2664



8.5740, 9.5770, 8.2666

Inverse Universe

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



61.9420, 2.0006, 105.2909



80.6670, 2.6292, 137.1040



109.5700, -42.1860, -96.0929



86.0330, -0.0163, 5.2331



53.0280, 1.4652, 90.3064



9.5120, 0.2406, 16.2140

Previews

White Background



This preview shows how the YUV color 55.4320, 62.3980, 53.1181 looks on a white background.

Color Contrast Check

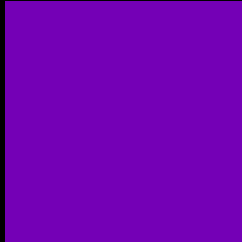
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.4320, 62.3980, 53.1181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

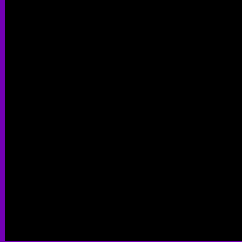
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.4320, 62.3980, 53.1181

Background



This preview shows how black text looks on a background with the YUV color 55.4320, 62.3980, 53.1181.



This preview shows how white text looks on a background with the YUV color 55.4320, 62.3980,

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

62.0370, 47.3098, -54.4064

Deuteranopia

62.4640, 36.2532, -54.7809

Tritanopia

79.1590, -1.0644, 14.7696

Trichromacy



Protanomaly

59.7720, 52.8634, -15.5860

Deuteranomaly

59.9370, 45.8801, -15.7307

Tritanomaly

70.3220, 22.0263, 28.6586

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 55.4320, 62.3980, 53.1181 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(116, 0, 182)` looks like.

```
.text, #text, p{  
    color:rgb(116, 0, 182)  
}
```

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(116, 0, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 0, 182) }
```

Border

The CSS property to change the border of an element to YUV 55.4320, 62.3980, 53.1181 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(116, 0, 182) }
```

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

```
.border{ border-color:rgb(116, 0, 182) }
```

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

Here you see how a box with a 4 pixel rgb(116, 0, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 0, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 0, 182);  
box-shadow:4px 4px 4px 4px rgb(116, 0,  
182) }
```


Background

The CSS property to change the background color of an element to YUV 55.4320, 62.3980, 53.1181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 0, 182) }
```

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

```
.background{ background-color: rgb(116, 0,  
182) }
```

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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