

Converting Colors

YUV(55.0920, 64.5376, 20.0903)

Have a look what the booklet for
YUV(55.0920, 64.5376, 20.0903)
contains.

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Color

**YUV(55.0920, 64.5376,
20.0903)**

Conversions

Conversions Part 1

Format	Color
Hex	4E12BA
RGB	78, 18, 186
RGB Percent	31%, 7%, 73%
CMY	0.6941, 0.9294, 0.2706
CMYK	0.58, 0.90, 0.00, 0.27
HSL	261°, 82%, 40%
HSV	261°, 90%, 73%
XYZ	12.2211, 5.5975, 46.8907
YIQ	55.0920, -18.1680, 64.9680

Conversions

Conversions Part 2

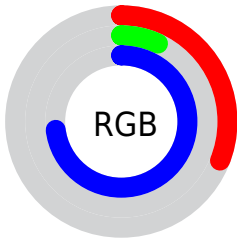
Format	Color
R_{YB}	78, 18, 186
Decimal	5116602
CIE _{Lab}	28.37, 61.10, -74.53
CIE _{LCh}	28, 96.372, 309.346
Yxy	5.5975, 0.1889, 0.0865
Android (android.graphics.Color)	4283306682 (0xFF4E12BA)
YUV	55.0920, 64.5376, 20.0903
Hunter-Lab	23.6590, 50.8014, -100.9478

Details

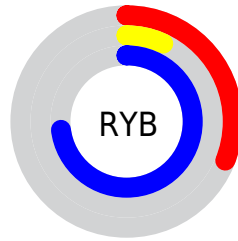
The YUV color **55.0920, 64.5376, 20.0903** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **148.9080, -64.5376, -20.0903**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.5870, 63.8006, 23.1642**, and **14.9340, 57.2205, -13.0971** is the 20% darker color. If you saturate the color by 10%, you get **40.9380, 71.5156, 21.9794**, and if you desaturate by 10%, it is **69.8330, 57.2703, 17.6865**.

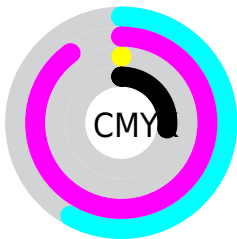
Distribution



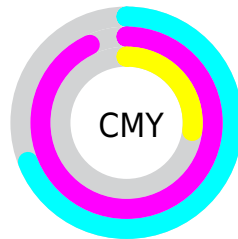
- Red (31%)
- Green (7%)
- Blue (73%)



- Red (31%)
- Yellow (7%)
- Blue (73%)



- Cyan (58%)
- Magenta (90%)
- Yellow (0%)
- Black (27%)



- Cyan (69%)
- Magenta (93%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.0920, 64.5376, 20.0903 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 55.0920, 64.5376, 20.0903 by changing the saturation by 10% instead.

■ 55.0920, 64.5376,
20.0903

■ 55.0920, 64.5376,
20.0903

■ 255.0000, 0.0000,
0.0000

■ 30.5700, 62.8230,
10.0241

■ 113.5870, 63.8006,
23.1642

■ 14.9340, 57.2205,
-13.0971

■ 139.4750, 56.9538,
25.8934

■ 11.9700, 45.8638,
-10.4977

■ 164.0060, 44.8600,
31.5667

■ 10.2940, 34.3651,
-9.0278

■ 189.4120, 32.3349,
35.5957

■ 9.3190, 23.0137,
-8.1728

■ 213.3230, 20.5468,
36.5507

■ 4.9360, 13.8356,
-4.3289


■ 229.7590, 12.4438,


■ 0.7980, 3.0576,


22.1364


-0.6998


 246.7820, 4.0515,
7.2072


 0.0000, 0.0000,
0.0000

 55.0920, 64.5376,
20.0903

 55.0920, 64.5376,
20.0903


 40.9380, 71.5156,
21.9794

 69.8330, 57.2703,
17.6865

 83.9870, 50.2924,
15.7974

 98.7280, 43.0251,
13.3935

 112.8820, 36.0472,
11.5045

 127.6230, 28.7799,
9.1006

■ 142.3640, 21.5125,
6.6968

■ 156.5180, 14.5346,
4.8077

■ 171.2590, 7.2673,
2.4039

■ 185.4130, 0.2894,
0.5148

Harmonies

Analogous

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



68.5180, 74.6806, -60.0903



55.0920, 64.5376, 20.0903



62.8300, 28.6778, 88.7261

Triad

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



55.0920, 64.5376, 20.0903



59.9580, -29.5593, 54.4108



63.0900, 13.2666, -55.3299

Complementary

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



55.0920, 64.5376, 20.0903



148.9080, -64.5376, -20.0903

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.



51.6560, -25.4664, -45.3023



55.0920, 64.5376, 20.0903



60.5030, -29.8280, 0.4359

Square

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



55.0920, 64.5376, 20.0903



49.3350, -24.3222, 101.4382



49.3080, -24.3088, -43.2431



72.5860, 44.5741, -63.6579

Rectangle

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



55.0920, 64.5376, 20.0903



62.7400, 5.0582, 104.5910



49.3080, -24.3088, -43.2431



60.1260, 1.9099, -52.7305

Sweetspot

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



55.0920, 64.5376, 20.0903



191.2870, 25.0015, 7.6413



101.1350, 41.8384, -72.9094



91.6320, 14.9714, 4.7077



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



55.0920, 64.5376, 20.0903



53.6010, 92.8807, 29.2909



79.9090, 52.3029, 71.1168



84.9230, 3.4890, 0.9445



34.5280, 59.8857, 18.8309



6.1820, 10.7563, 3.3484

Inverse Universe

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



80.5440, 22.4098, 92.4849



90.1420, 32.4680, 133.1795



124.0910, -52.3029, -71.1168



86.3750, 1.2941, 4.9331



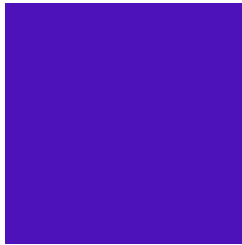
58.0440, 20.6843, 85.9074



10.4240, 3.7350, 15.4142

Previews

White Background



This preview shows how the YUV color 55.0920, 64.5376, 20.0903 looks on a white background.

Color Contrast Check

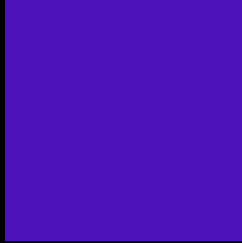
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.0920, 64.5376, 20.0903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

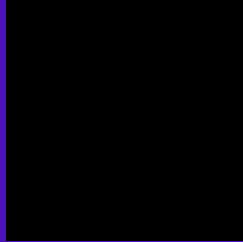
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.0920, 64.5376, 20.0903

Background



This preview shows how black text looks on a background with the YUV color 55.0920, 64.5376, 20.0903.



This preview shows how white text looks on a background with the YUV color 55.0920, 64.5376,

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

55.0920, 64.5376, 20.0903

Protanopia

54.4740, 41.1783, -47.7737

Deuteranopia

54.4280, 30.8480, -47.7334



Tritanopia

62.7240, 8.5171, -25.1909

Trichromacy



Original Color

55.0920, 64.5376, 20.0903

Protanomaly

54.8050, 49.3961, -23.5080

Deuteranomaly

54.4970, 43.1390, -23.2379

Tritanomaly

60.2140, 28.9815, -8.9577

Monochromacy



Original Color

55.0920, 64.5376, 20.0903

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.2330, 23.5491, 6.8117

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.0920, 64.5376, 20.0903 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(78, 18, 186)` looks like.

```
.text, #text, p{  
    color:rgb(78, 18, 186)  
}
```

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(78, 18, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 18, 186) }
```

Border

The CSS property to change the border of an element to YUV 55.0920, 64.5376, 20.0903 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(78, 18, 186) }
```


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

```
.border{ border-color:rgb(78, 18, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 18, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 18, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 18, 186);  
box-shadow:4px 4px 4px 4px rgb(78, 18,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 55.0920, 64.5376, 20.0903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 18, 186) }
```

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

```
.background{ background-color: rgb(78, 18,  
186) }
```

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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