

Converting Colors

YUV(120.6220, 44.0634,
53.8285)

Have a look what the booklet for
YUV(120.6220, 44.0634, 53.8285)
contains.

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Color

**YUV(120.6220, 44.0634,
53.8285)**

Conversions

Conversions Part 1

Format	Color
Hex	B648D2
RGB	182, 72, 210
RGB Percent	71%, 28%, 82%
CMY	0.2863, 0.7176, 0.1765
CMYK	0.13, 0.66, 0.00, 0.18
HSL	288°, 61%, 55%
HSV	288°, 66%, 82%
XYZ	33.2416, 19.2330, 62.9331
YIQ	120.6220, 21.2620, 66.2380

Conversions

Conversions Part 2

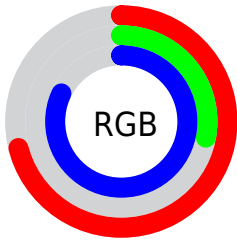
Format	Color
R _{YB}	182, 72, 210
Decimal	11946194
CIE _{Lab}	50.96, 63.66, -51.15
CIE _{LCh}	51, 81.667, 321.219
Yxy	19.2330, 0.2880, 0.1667
Android (android.graphics.Color)	4290136274 (0xFFB648D2)
YUV	120.6220, 44.0634, 53.8285
Hunter-Lab	43.8554, 58.5530, -54.3832

Details

The YUV color **120.6220, 44.0634, 53.8285** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **161.3780, -44.0634, -53.8285**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.2650, 38.8164, 56.7726**, and **55.0450, 49.2778, 61.3505** is the 20% darker color. If you saturate the color by 10%, you get **107.0990, 50.7302, 62.1802**, and if you desaturate by 10%, it is **134.1450, 37.3965, 45.4768**.

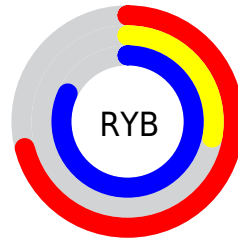
Distribution



Red (71%)

Green (28%)

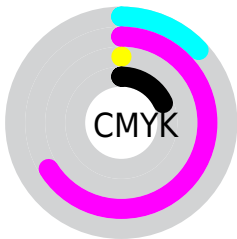
Blue (82%)



Red (71%)

Yellow (28%)

Blue (82%)

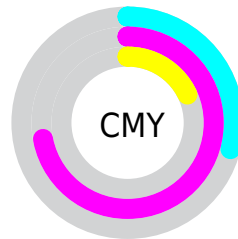


Cyan (13%)

Magenta (66%)

Yellow (0%)

Black (18%)



Cyan (29%)

Magenta (72%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.6220, 44.0634, 53.8285 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 120.6220, 44.0634, 53.8285 by changing the saturation by 10% instead.

120.6220, 44.0634,
53.8285

120.6220, 44.0634,
53.8285

255.0000, 0.0000,
0.0000

91.1490, 44.7895,
54.2433

176.2650, 38.8164,
56.7726

55.0450, 49.2778,
61.3505

196.8870, 28.6497,
50.9651

43.5950, 41.6117,
46.8362

213.3230, 20.5468,
36.5507

32.5580, 34.2349,
32.8366

230.3460, 12.1544,
21.6216

22.3470, 27.4369,
19.8667

247.3690, 3.7621,
6.6924

8.5480, 22.4078,
-0.4806

4.7080, 12.9620,

-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 120.6220, 44.0634,
53.8285

■ 120.6220, 44.0634,
53.8285

■ 107.0990, 50.7302,
62.1802

■ 134.1450, 37.3965,
45.4768

■ 93.2770, 57.5444,
69.9171

■ 147.9670, 30.5823,
37.7399

■ 79.7540, 64.2113,
78.2687

■ 161.4900, 23.9154,
29.3883

■ 73.8730, 67.1106,
81.6724

■ 175.0130, 17.2486,
21.0366

■ 188.5360, 10.5818,
12.6849

■ 202.3580, 3.7675,
4.9480

■ 215.8810, -2.8993,
-3.4036

■ 229.4040, -9.5662,
-11.7553

■ 239.4050,
-14.4967, -17.0182

Harmonies

Analogous

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



106.5460, 72.2018, -58.3608



120.6220, 44.0634, 53.8285



88.8330, 27.6903, 125.5575

Triad

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



120.6220, 44.0634, 53.8285



114.4920, -56.4446, 44.2955



108.0170, 30.5576, -94.7309

Complementary

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



120.6220, 44.0634, 53.8285



161.3780, -44.0634, -53.8285

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.



98.6350, -0.3131, -86.5029



120.6220, 44.0634, 53.8285



107.9710, -53.2297, -6.9906

Square

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



120.6220, 44.0634, 53.8285



108.0000, -53.2440, 91.2080



85.8960, -36.4307, -75.3308



113.0960, 57.6337, -99.1852

Rectangle

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



120.6220, 44.0634, 53.8285



83.0460, 7.8653, 137.6487



85.8960, -36.4307, -75.3308



104.8080, 20.8007, -91.9166

Sweetspot

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



120.6220, 44.0634, 53.8285



222.0730, 16.2330, 20.1070



105.3420, 51.5964, -29.2409



107.7100, 10.0030, 11.6553



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.



120.6220, 44.0634, 53.8285



124.7540, 64.2113, 78.2687



124.5480, 22.9008, 74.9414



97.6460, 3.6255, 3.8185



59.2180, 53.6295, 65.5838



14.5410, 13.0443, 16.1885

Inverse Universe

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



116.4540, -8.1118, 82.0398



118.6590, -12.1569, 119.5711



157.4520, -22.9008, -74.9414



97.5170, -0.7479, 6.5626



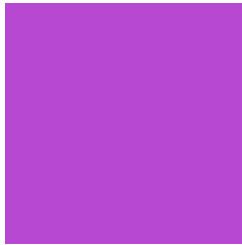
54.1080, -9.9132, 99.8833



13.1710, -2.5493, 24.4060

Previews

White Background



This preview shows how the YUV color 120.6220, 44.0634, 53.8285 looks on a white background.

Color Contrast Check

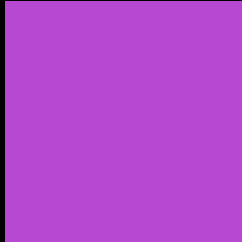
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.6220, 44.0634, 53.8285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

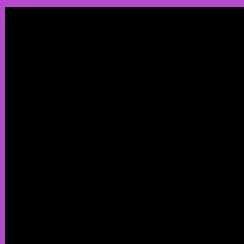
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.6220, 44.0634, 53.8285

Background



This preview shows how black text looks on a background with the YUV color 120.6220, 44.0634, 53.8285.



This preview shows how white text looks on a background with the YUV color 120.6220, 44.0634, 53.8285.

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

120.6220, 44.0634, 53.8285

Protanopia

97.1790, 75.3408, -85.2260

Deuteranopia

115.4580, 42.1722, -39.8667



Tritanopia

123.2330, -6.5239, 39.2607

Trichromacy



Original Color

120.6220, 44.0634, 53.8285



Protanomaly

105.8110, 63.6902, -34.9142



Deuteranomaly

117.4930, 42.6480, -5.6944



Tritanomaly

122.3750, 11.6471, 44.3981

Monochromacy



Original Color

120.6220, 44.0634, 53.8285



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

120.6600, 15.9436, 19.5922

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6220, 44.0634, 53.8285 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(182, 72, 210)` looks like.

```
.text, #text, p{  
    color:rgb(182, 72, 210)  
}
```

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(182, 72, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 72, 210) }
```

Border

The CSS property to change the border of an element to YUV 120.6220, 44.0634, 53.8285 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(182, 72, 210) }
```


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

```
.border{ border-color:rgb(182, 72, 210) }
```

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

Here you see how a box with a 4 pixel rgb(182, 72, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 72, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 72, 210);  
box-shadow:4px 4px 4px 4px rgb(182, 72,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 120.6220, 44.0634, 53.8285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 72, 210) }
```

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

```
.background{ background-color: rgb(182, 72,  
210) }
```

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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