

Converting Colors

YUV(80.2180, 53.6295, 65.5838)

Have a look what the booklet for
YUV(80.2180, 53.6295, 65.5838)
contains.

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Color

**YUV(80.2180, 53.6295,
65.5838)**

Conversions

Conversions Part 1

Format	Color
Hex	9B15BD
RGB	155, 21, 189
RGB Percent	61%, 8%, 74%
CMY	0.3922, 0.9176, 0.2588
CMYK	0.18, 0.89, 0.00, 0.26
HSL	288°, 80%, 41%
HSV	288°, 89%, 74%
XYZ	22.9710, 11.1790, 49.0912
YIQ	80.2180, 25.9360, 80.6560

Conversions

Conversions Part 2

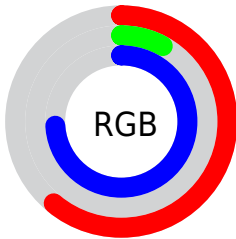
Format	Color
R_{YB}	155, 21, 189
Decimal	10163645
CIE Lab	39.88, 70.58, -57.01
CIE LCh	40, 90.734, 321.070
Yxy	11.1790, 0.2760, 0.1343
Android (android.graphics.Color)	4288353725 (0xFF9B15BD)
YUV	80.2180, 53.6295, 65.5838
Hunter-Lab	33.4350, 64.1244, -63.6483

Details

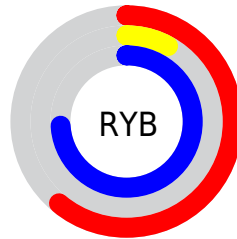
The YUV color **80.2180, 53.6295, 65.5838** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **129.7820, -53.6295, -65.5838**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.2730, 50.1514, 61.1506**, and **44.6920, 44.5218, 46.7511** is the 20% darker color. If you saturate the color by 10%, you get **67.8690, 59.7176, 72.9059**, and if you desaturate by 10%, it is **92.5670, 47.5415, 58.2617**.

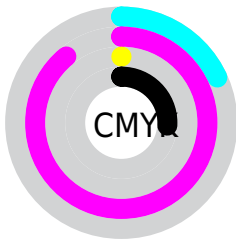
Distribution



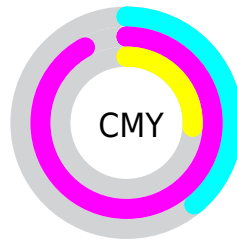
- Red (61%)
- Green (8%)
- Blue (74%)



- Red (61%)
- Yellow (8%)
- Blue (74%)



- Cyan (18%)
- Magenta (89%)
- Yellow (0%)
- Black (26%)



- Cyan (39%)
- Magenta (92%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2180, 53.6295, 65.5838 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 80.2180, 53.6295, 65.5838 by changing the saturation by 10% instead.

80.2180, 53.6295,
65.5838

80.2180, 53.6295,
65.5838

255.0000, 0.0000,
0.0000

56.0280, 51.7512,
61.3654

144.2730, 50.1514,
61.1506

44.6920, 44.5218,
46.7511

170.7050, 41.5574,
64.2797

33.2420, 36.8557,
32.2368

191.0170, 31.5436,
56.1131

22.7320, 30.2051,
18.6520

208.0400, 23.1513,
41.1839

7.6230, 25.3289,
-4.0544

225.0630, 14.7589,
26.2547

5.2780, 15.1459,
-4.6288

242.0860, 6.3666,

1.3680, 5.2416,

11.3256

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 80.2180, 53.6295,
65.5838

■ 80.2180, 53.6295,
65.5838

■ 67.8690, 59.7176,
72.9059

■ 92.5670, 47.5415,
58.2617

■ 66.6950, 60.2964,
73.9355

■ 104.9160, 41.4534,
50.9397

■ 116.9660, 35.5128,
43.0028

■ 129.3150, 29.4247,
35.6807

■ 141.6640, 23.3366,
28.3587

■ 153.4260, 17.5380,
21.5514

■ 165.7750, 11.4499,
14.2293

■ 178.1240, 5.3619,
6.9073

■ 190.1740, -0.5788,
-1.0296

Harmonies

Analogous

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



77.3860, 78.1967, -67.8675



80.2180, 53.6295, 65.5838



75.5730, 21.9025, 115.2615

Triad

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



80.2180, 53.6295, 65.5838



89.3740, -44.0614, 39.1370



88.2580, 28.4668, -77.4023

Complementary

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



80.2180, 53.6295, 65.5838



129.7820, -53.6295, -65.5838

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.



78.3060, -4.5879, -68.6744



80.2180, 53.6295, 65.5838



81.3580, -40.1095, -15.2230

Square

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



80.2180, 53.6295, 65.5838



74.3870, -36.6728, 96.1306



68.0920, -33.5694, -59.7167



95.0810, 57.1481, -83.3860

Rectangle

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



80.2180, 53.6295, 65.5838



72.3790, -0.6798, 125.0786



68.0920, -33.5694, -59.7167



84.8210, 17.8362, -74.3880

Sweetspot

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



80.2180, 53.6295, 65.5838



202.0720, 21.1635, 25.3699



61.2840, 62.9640, -35.3291



96.7150, 12.4655, 15.1589



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.



80.2180, 53.6295, 65.5838



86.2350, 78.2711, 95.3869



84.9120, 27.6514, 91.2852



88.1190, 2.8993, 3.4036



55.6860, 50.4408, 61.6654



10.7100, 10.0030, 11.6553

Inverse Universe

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



75.1080, -9.9132, 99.8833



78.9550, -14.2748, 145.6215



125.0880, -27.6514, -91.2852



87.9190, -0.4531, 5.3330



50.8900, -9.3128, 93.9355



9.9530, -1.9488, 18.4582

Previews

White Background



This preview shows how the YUV color 80.2180, 53.6295, 65.5838 looks on a white background.

Color Contrast Check

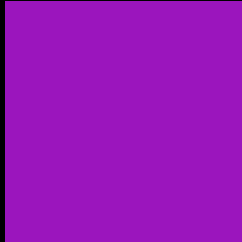
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 80.2180, 53.6295, 65.5838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

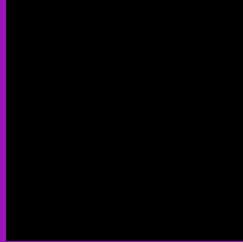
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.2180, 53.6295, 65.5838

Background



This preview shows how black text looks on a background with the YUV color 80.2180, 53.6295, 65.5838.



This preview shows how white text looks on a background with the YUV color 80.2180, 53.6295,

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

80.2180, 53.6295, 65.5838

Deuteranopia

76.4330, 46.6215, -67.0317

Tritanopia

95.7060, -7.2501, 38.8458

Trichromacy



Original Color

80.2180, 53.6295, 65.5838

Deuteranomaly

77.5390, 49.5273, -18.8897

Tritanomaly

89.9070, 14.8358, 48.3166

Monochromacy



Original Color

80.2180, 53.6295, 65.5838

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.3060, 19.5691, 23.4106

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2180, 53.6295, 65.5838 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(155, 21, 189)` looks like.

```
.text, #text, p{  
    color:rgb(155, 21, 189)  
}
```

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(155, 21, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 21, 189) }
```

Border

The CSS property to change the border of an element to YUV 80.2180, 53.6295, 65.5838 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(155, 21, 189) }
```

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

```
.border{ border-color:rgb(155, 21, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 21, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 21, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 21, 189);  
box-shadow:4px 4px 4px 4px rgb(155, 21,  
189) }
```


Background

The CSS property to change the background color of an element to YUV 80.2180, 53.6295, 65.5838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 21, 189) }
```

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

```
.background{ background-color: rgb(155, 21,  
189) }
```

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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