

Converting Colors

YUV(80.2120, 5.3185, 20.8621)

Have a look what the booklet for
YUV(80.2120, 5.3185, 20.8621)
contains.

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Color

**YUV(80.2120, 5.3185,
20.8621)**

Conversions

Conversions Part 1

Format	Color
Hex	68425B
RGB	104, 66, 91
RGB Percent	41%, 26%, 36%
CMY	0.5922, 0.7412, 0.6431
CMYK	0.00, 0.37, 0.12, 0.59
HSL	321°, 22%, 33%
HSV	321°, 37%, 41%
XYZ	9.5455, 7.5948, 10.8604
YIQ	80.2120, 14.6230, 15.8310

Conversions

Conversions Part 2

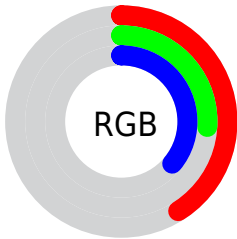
Format	Color
R_{YB}	104, 66, 91
Decimal	6832731
CIE Lab	33.12, 20.67, -8.06
CIE LCh	33, 22.182, 338.707
Yxy	7.5948, 0.3409, 0.2712
Android (android.graphics.Color)	4285022811 (0xFF68425B)
YUV	80.2120, 5.3185, 20.8621
Hunter-Lab	27.5587, 13.5991, -4.0740

Details

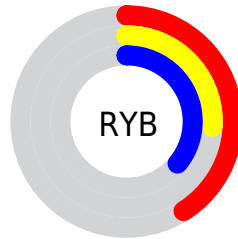
The YUV color **80.2120, 5.3185, 20.8621** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.7880, -5.3185, -20.8621**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.2230, 5.3131, 22.6064**, and **34.7880, 5.0345, 18.6029** is the 20% darker color. If you saturate the color by 10%, you get **73.8860, 6.4652, 26.4100**, and if you desaturate by 10%, it is **86.5380, 4.1718, 15.3142**.

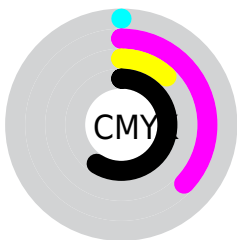
Distribution



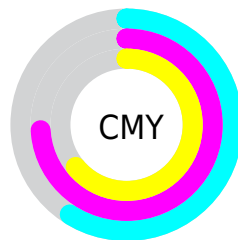
- Red (41%)
- Green (26%)
- Blue (36%)



- Red (41%)
- Yellow (26%)
- Blue (36%)



- Cyan (0%)
- Magenta (37%)
- Yellow (12%)
- Black (59%)



- Cyan (59%)
- Magenta (74%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2120, 5.3185, 20.8621 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 80.2120, 5.3185, 20.8621 by changing the saturation by 10% instead.

80.2120, 5.3185,
20.8621

80.2120, 5.3185,
20.8621

255.0000, 0.0000,
0.0000

56.6140, 5.6133,
19.6325

130.2230, 5.3131,
22.6064

34.7880, 5.0345,
18.6029

156.0490, 5.8918,
23.6360

13.3150, 5.7607,
19.0177

183.3480, 5.7444,
24.2508

0.0000, 0.0000,
0.0000

210.7610, 6.0338,
24.7656

235.1730, 7.8027,
17.3883

252.6520, 1.1576,

2.0592

■ 80.2120, 5.3185,
20.8621

■ 80.2120, 5.3185,
20.8621

■ 73.8860, 6.4652,
26.4100

■ 86.5380, 4.1718,
15.3142

■ 67.0870, 8.3381,
32.3727

■ 93.3370, 2.2989,
9.3515

■ 60.7610, 9.4848,
37.9206

■ 99.6630, 1.1521,
3.8035

■ 53.9620, 11.3577,
43.8833

■ 106.4620, -0.7208,
-2.1592

■ 47.6360, 12.5045,
49.4312

■ 112.7880, -1.8675,
-7.7071

■ 41.4240, 14.0880,
54.8792

■ 119.0000, -3.4510,
-13.1550

■ 38.8480, 14.3719,
57.1383

■ 125.9130, -4.8871,
-19.2177

■ 132.1250, -6.4706,
-24.6656

■ 139.0380, -7.9067,
-30.7283

Harmonies

Analogous

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



79.6600, 12.4926, 6.4372



80.2120, 5.3185, 20.8621



79.3780, -3.1444, 28.6095

Triad

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



80.2120, 5.3185, 20.8621



76.3910, -16.4618, 6.6731



61.7680, 18.3554, -54.1705

Complementary

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



80.2120, 5.3185, 20.8621



89.7880, -5.3185, -20.8621

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.



65.6140, 8.5713, -42.6345



80.2120, 5.3185, 20.8621



73.8560, -11.7610, -7.7667

Square

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



80.2120, 5.3185, 20.8621



77.8810, -16.2103, 19.3984



70.7490, -2.8343, -24.3359



69.9320, 19.7535, -35.8974

Rectangle

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



80.2120, 5.3185, 20.8621



78.9990, -8.3805, 28.0649



70.7490, -2.8343, -24.3359



61.7850, 15.8820, -54.1854

Sweetspot

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



80.2120, 5.3185, 20.8621



125.6250, 2.1569, 8.2219



74.2190, 14.6820, 4.1929



63.3750, 1.2941, 4.9331



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



80.2120, 5.3185, 20.8621



98.0870, 8.3381, 32.3727



78.0460, -2.9807, 22.7617



47.8370, 0.5734, 2.7740



42.9350, 15.8080, 63.2010



90.4840, 33.7784, 132.8795

Inverse Universe

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



80.2120, 5.3185, 20.8621



98.0870, 8.3381, 32.3727



91.9540, 2.9807, -22.7617



47.8370, 0.5734, 2.7740



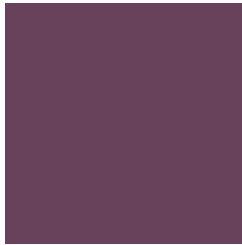
42.9350, 15.8080, 63.2010



90.4840, 33.7784, 132.8795

Previews

White Background



This preview shows how the YUV color 80.2120, 5.3185, 20.8621 looks on a white background.

Color Contrast Check

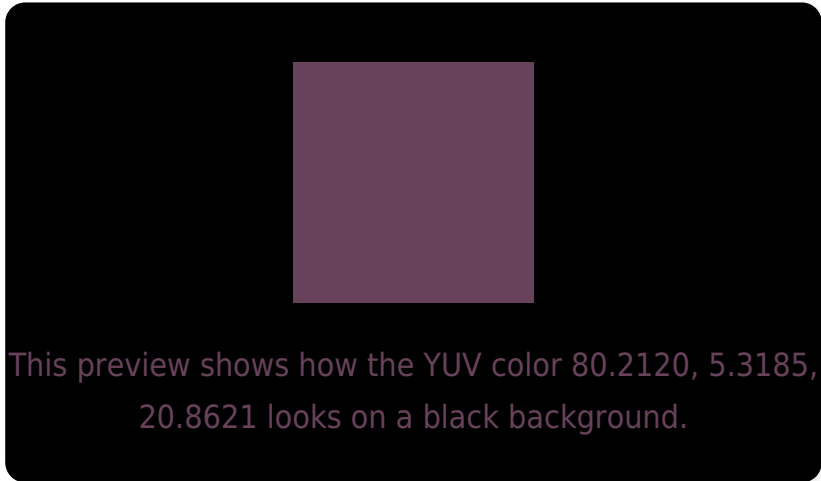
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

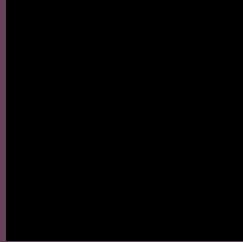
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.2120, 5.3185, 20.8621

Background



This preview shows how black text looks on a background with the YUV color 80.2120, 5.3185, 20.8621.



This preview shows how white text looks on a background with the YUV color 80.2120, 5.3185,

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

80.2120, 5.3185, 20.8621

Protanopia

78.3120, 10.1992, -4.6586

Deuteranopia

78.9770, 4.9413, 1.7742



Tritanopia

79.4370, -2.6804, 19.7878

Trichromacy



Original Color

80.2120, 5.3185, 20.8621

Protanomaly

78.9110, 8.4249, 4.4631

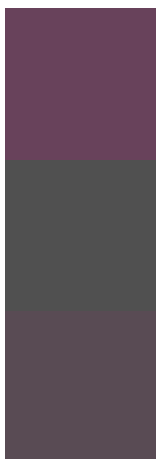
Deuteranomaly

79.1350, 5.3564, 8.6516

Tritanomaly

79.8330, 0.0823, 20.3175

Monochromacy



Original Color

80.2120, 5.3185, 20.8621

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.2120, 1.8675, 7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2120, 5.3185, 20.8621 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(104, 66, 91)` looks like.

```
.text, #text, p{  
    color:rgb(104, 66, 91)  
}
```

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(104, 66, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 66, 91) }
```

Border

The CSS property to change the border of an element to YUV 80.2120, 5.3185, 20.8621 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(104, 66, 91) }
```


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

```
.border{ border-color:rgb(104, 66, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 66, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 66, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 66, 91);  
box-shadow:4px 4px 4px 4px rgb(104, 66,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 80.2120, 5.3185, 20.8621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 66, 91) }
```

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

```
.background{ background-color: rgb(104, 66,  
91) }
```

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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