

Converting Colors

YUV(80.9320, 16.7955, 26.3696)

Have a look what the booklet for
YUV(80.9320, 16.7955, 26.3696)
contains.

YUV(80.9320, 16.7955, 26.3696)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(80.9320, 16.7955,
26.3696)**

Conversions

Conversions Part 1

Format	Color
Hex	6F3B73
RGB	111, 59, 115
RGB Percent	44%, 23%, 45%
CMY	0.5647, 0.7686, 0.5490
CMYK	0.03, 0.49, 0.00, 0.55
HSL	296°, 32%, 34%
HSV	296°, 49%, 45%
XYZ	11.2140, 7.7452, 17.1236
YIQ	80.9320, 13.0160, 28.4400

Conversions

Conversions Part 2

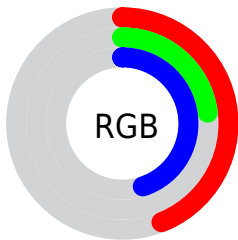
Format	Color
R _Y B	111, 59, 115
Decimal	7289715
CIE Lab	33.45, 32.10, -22.70
CIE LCh	33, 39.317, 324.731
Yxy	7.7452, 0.3108, 0.2147
Android (android.graphics.Color)	4285479795 (0xFF6F3B73)
YUV	80.9320, 16.7955, 26.3696
Hunter-Lab	27.8303, 23.2224, -16.9991

Details

The YUV color **80.9320, 16.7955, 26.3696** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **93.0680, -16.7955, -26.3696**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4700, 17.5163, 28.5288**, and **32.3340, 17.0903, 25.1401** is the 20% darker color. If you saturate the color by 10%, you get **74.1760, 20.1262, 31.4176**, and if you desaturate by 10%, it is **88.2750, 13.1754, 20.8068**.

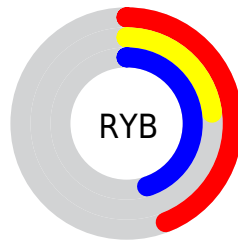
Distribution



Red (44%)

Green (23%)

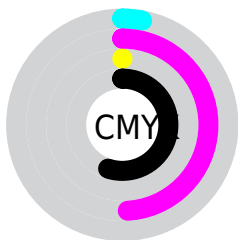
Blue (45%)



Red (44%)

Yellow (23%)

Blue (45%)

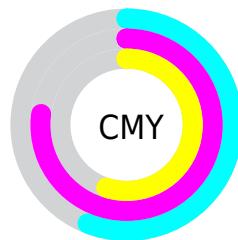


Cyan (3%)

Magenta (49%)

Yellow (0%)

Black (55%)



Cyan (56%)

Magenta (77%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.9320, 16.7955, 26.3696 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 80.9320, 16.7955, 26.3696 by changing the saturation by 10% instead.

80.9320, 16.7955,
26.3696

80.9320, 16.7955,
26.3696

255.0000, 0.0000,
0.0000

56.5190, 16.5061,
25.8548

131.4700, 17.5163,
28.5288

32.3340, 17.0903,
25.1401

158.1820, 17.6583,
29.6584

16.6770, 13.4702,
19.5773

185.5950, 17.9477,
30.1732

2.6220, 10.0464,
-2.2995

213.4210, 18.5264,
31.2028

0.0000, 0.0000,
0.0000

232.1070, 11.2862,
20.0772

249.1300, 2.8939,

5.1480

■ 80.9320, 16.7955,
26.3696

■ 80.9320, 16.7955,
26.3696

■ 74.1760, 20.1262,
31.4176

■ 88.2750, 13.1754,
20.8068

■ 66.8330, 23.7463,
36.9805

■ 95.0310, 9.8447,
15.7588

■ 60.3760, 26.9296,
42.6432

■ 102.0750, 6.3720,
9.5812

■ 53.0330, 30.5497,
48.2061

■ 108.8310, 3.0413,
4.5332

■ 46.2770, 33.8804,
53.2541

■ 116.1740, -0.5788,
-1.0296

■ 45.1030, 34.4592,
54.2837

■ 122.9300, -3.9095,
-6.0776

■ 130.2730, -7.5296,
-11.6404

■ 137.0290,
-10.8603, -16.6884

■ 144.0730,
-14.3330, -22.8660

Harmonies

Analogous

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



78.8720, 27.6711, -8.6577



80.9320, 16.7955, 26.3696



78.0350, 3.9267, 47.3273

Triad

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



80.9320, 16.7955, 26.3696



74.6520, -32.3664, 21.3532



66.4470, 18.5136, -58.2740

Complementary

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



80.9320, 16.7955, 26.3696



93.0680, -16.7955, -26.3696

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.



62.7990, 4.5361, -55.0747



80.9320, 16.7955, 26.3696



72.2360, -28.2173, -2.8380

Square

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



80.9320, 16.7955, 26.3696



76.6510, -23.9849, 39.7711



65.2780, -11.9691, -34.4468



68.1230, 30.0124, -59.7439

Rectangle

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



80.9320, 16.7955, 26.3696



76.5380, -5.6882, 51.2712



65.2780, -11.9691, -34.4468



65.3070, 14.1456, -57.2742

Sweetspot

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



80.9320, 16.7955, 26.3696



136.7870, 6.5140, 10.7108



68.3190, 23.0137, -8.1728



68.4830, 4.1989, 6.5924



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



80.9320, 16.7955, 26.3696



97.1370, 26.0615, 41.0989



79.5060, 6.1595, 31.1282



55.1790, 1.8838, 2.4740



47.9940, 36.4850, 57.8873



97.8680, 75.0011, 117.6338

Inverse Universe

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



76.2000, -6.5076, 34.0276



89.6970, -10.2036, 52.8857



94.4940, -6.1595, -31.1282



54.7940, -0.8844, 3.6887



37.5040, -14.0525, 74.1030



76.8020, -28.9894, 151.8946

Previews

White Background



This preview shows how the YUV color 80.9320, 16.7955, 26.3696 looks on a white background.

Color Contrast Check

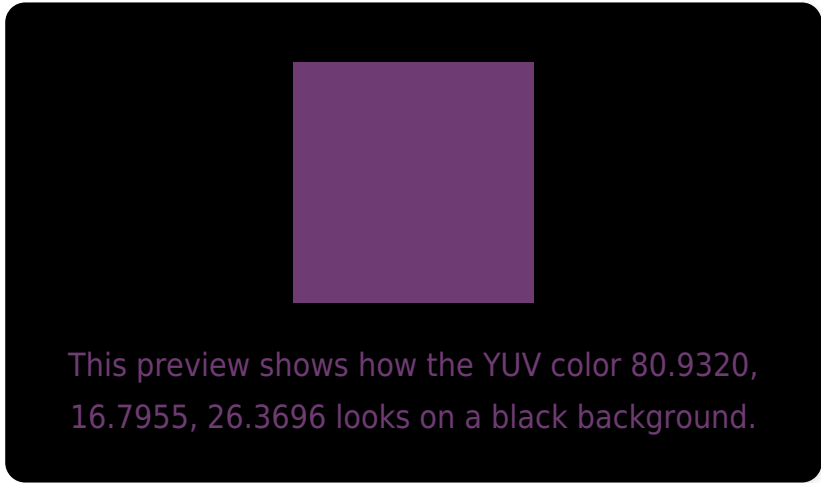
Large Text (above 18pt) WCAG AA ✓ Pass

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

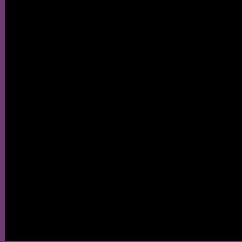
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.9320, 16.7955, 26.3696

Background



This preview shows how black text looks on a background with the YUV color 80.9320, 16.7955, 26.3696.



This preview shows how white text looks on a background with the YUV color 80.9320, 16.7955,

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

80.9320, 16.7955, 26.3696

Protanopia

77.4750, 26.3878, -17.0796

Deuteranopia

78.7720, 15.8884, -9.4470



Tritanopia

80.6330, -3.2701, 22.2469

Trichromacy



Original Color

80.9320, 16.7955, 26.3696

Protanomaly

78.3630, 22.9920, -1.1954

Deuteranomaly

79.5610, 15.9924, 3.8930

Tritanomaly

80.5930, 4.1447, 24.0359

Monochromacy



Original Color

80.9320, 16.7955, 26.3696

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9610, 5.9352, 9.6812

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.9320, 16.7955, 26.3696 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(111, 59, 115)` looks like.

```
.text, #text, p{  
    color:rgb(111, 59, 115)  
}
```

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(111, 59, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 59, 115) }
```

Border

The CSS property to change the border of an element to YUV 80.9320, 16.7955, 26.3696 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(111, 59, 115) }
```


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

```
.border{ border-color:rgb(111, 59, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 59, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 59, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 59, 115);  
box-shadow:4px 4px 4px 4px rgb(111, 59,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 80.9320, 16.7955, 26.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 59, 115) }
```

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

```
.background{ background-color: rgb(111, 59,  
115) }
```

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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