

Converting Colors

YUV(80.1780, 10.2652, 20.8919)

Have a look what the booklet for
YUV(80.1780, 10.2652, 20.8919)
contains.

YUV(80.1780, 10.2652, 20.8919)	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(80.1780, 10.2652,
20.8919)**

Conversions

Conversions Part 1

Format	Color
Hex	684065
RGB	104, 64, 101
RGB Percent	41%, 25%, 40%
CMY	0.5922, 0.7490, 0.6039
CMYK	0.00, 0.38, 0.03, 0.59
HSL	304°, 24%, 33%
HSV	304°, 38%, 41%
XYZ	9.8913, 7.5494, 13.2478
YIQ	80.1780, 11.9630, 19.9870

Conversions

Conversions Part 2

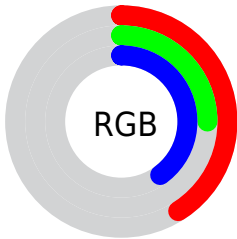
Format	Color
RYB	104, 64, 101
Decimal	6832229
CIELab	33.03, 23.86, -14.58
CIElCh	33, 27.963, 328.584
Yxy	7.5494, 0.3223, 0.2460
Android (android.graphics.Color)	4285022309 (0xFF684065)
YUV	80.1780, 10.2652, 20.8919
Hunter-Lab	27.4762, 16.1755, -9.3536

Details

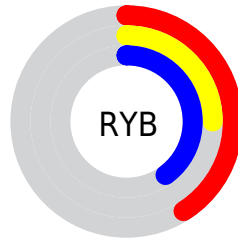
The YUV color **80.1780, 10.2652, 20.8919** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **87.8220, -10.2652, -20.8919**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.3030, 10.6966, 22.5363**, and **34.0530, 9.8339, 19.2475** is the 20% darker color. If you saturate the color by 10%, you get **74.1940, 12.7224, 26.1399**, and if you desaturate by 10%, it is **86.1620, 7.8081, 15.6439**.

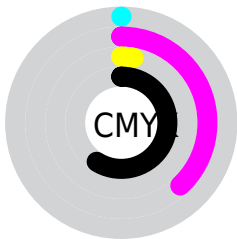
Distribution



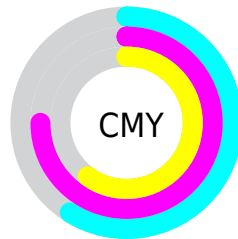
- Red (41%)
- Green (25%)
- Blue (40%)



- Red (41%)
- Yellow (25%)
- Blue (40%)



- Cyan (0%)
- Magenta (38%)
- Yellow (3%)
- Black (59%)



- Cyan (59%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.1780, 10.2652, 20.8919 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 80.1780, 10.2652, 20.8919 by changing the saturation by 10% instead.

80.1780, 10.2652,
20.8919

80.1780, 10.2652,
20.8919

255.0000, 0.0000,
0.0000

56.4660, 10.1233,
19.7623

130.3030, 10.6966,
22.5363

34.0530, 9.8339,
19.2475

156.1290, 11.2754,
23.5659

14.2270, 9.2551,
18.2179

183.4280, 11.1280,
24.1806

0.6840, 2.6208,
-0.5999

211.2540, 11.7068,
25.2102

0.0000, 0.0000,
0.0000

234.4550, 10.1287,
18.0180

251.4780, 1.7363,

3.0888

■ 80.1780, 10.2652,
20.8919

■ 80.1780, 10.2652,
20.8919

■ 74.1940, 12.7224,
26.1399

■ 86.1620, 7.8081,
15.6439

■ 67.6230, 15.4689,
31.9026

■ 92.7330, 5.0616,
9.8812

■ 61.7530, 18.3628,
37.0506

■ 98.6030, 2.1677,
4.7332

■ 55.1820, 21.1093,
42.8134

■ 105.1740, -0.5788,
-1.0296

■ 49.1980, 23.5664,
48.0614

■ 111.1580, -3.0359,
-6.2776

■ 43.2140, 26.0235,
53.3093

■ 117.1420, -5.4930,
-11.5255

■ 42.0400, 26.6023,
54.3389

■ 123.5990, -8.6763,
-17.1883

■ 129.5830,
-11.1334, -22.4363

■ 136.1540,
-13.8799, -28.1991

Harmonies

Analogous

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



78.8100, 18.3347, -0.7104



80.1780, 10.2652, 20.8919



78.7360, 0.6232, 33.5575

Triad

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



80.1780, 10.2652, 20.8919



75.7680, -21.5776, 14.2355



63.4150, 17.0504, -55.6150

Complementary

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



80.1780, 10.2652, 20.8919



87.8220, -10.2652, -20.8919

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.



60.9070, 7.4408, -53.4154



80.1780, 10.2652, 20.8919



73.8690, -18.1764, -3.3931

Square

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



80.1780, 10.2652, 20.8919



77.0670, -18.2740, 28.0052



69.7830, -7.7810, -24.3657



63.5920, 25.3441, -55.7702

Rectangle

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



80.1780, 10.2652, 20.8919



78.2110, -6.5130, 35.7720



69.7830, -7.7810, -24.3657



62.6170, 13.9928, -54.9151

Sweetspot

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



80.1780, 10.2652, 20.8919



125.4940, 4.1935, 8.3368



69.4570, 17.0297, -2.1548



63.0160, 2.4571, 5.2480



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.



80.1780, 10.2652, 20.8919



98.0360, 15.7583, 32.4174



77.8980, 1.5293, 22.8915



48.0650, 1.4470, 2.5740



46.4690, 29.3488, 60.1017



97.8940, 62.1703, 126.3810

Inverse Universe

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



80.1780, 10.2652, 20.8919



98.0360, 15.7583, 32.4174



90.1020, -1.5293, -22.8915



48.0650, 1.4470, 2.5740



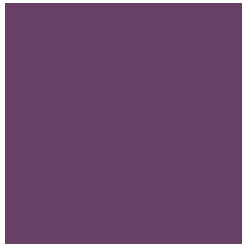
46.4690, 29.3488, 60.1017



97.8940, 62.1703, 126.3810

Previews

White Background



This preview shows how the YUV color 80.1780, 10.2652, 20.8919 looks on a white background.

Color Contrast Check

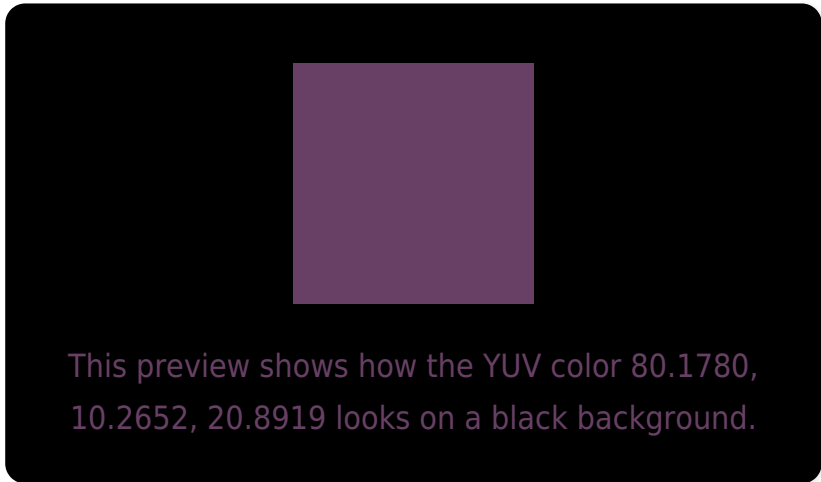
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.1780, 10.2652, 20.8919

Background



This preview shows how black text looks on a background with the YUV color 80.1780, 10.2652, 20.8919.



This preview shows how white text looks on a background with the YUV color 80.1780, 10.2652,

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

80.1780, 10.2652, 20.8919

Protanopia

77.8860, 16.3252, -9.5470

Deuteranopia

78.9100, 9.9044, -3.4291



Tritanopia

79.2520, -2.0962, 19.0730

Trichromacy



Original Color

80.1780, 10.2652, 20.8919

Protanomaly

78.3820, 14.1087, 1.4190

Deuteranomaly

79.3780, 10.1666, 5.8075

Tritanomaly

79.4030, 2.2663, 19.8176

Monochromacy



Original Color

80.1780, 10.2652, 20.8919

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.0810, 3.9041, 7.8220

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.1780, 10.2652, 20.8919 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, 64, 101)` looks like.

```
.text, #text, p{  
    color:rgb(104, 64, 101)  
}
```

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, 64, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 64, 101) }
```

Border

The CSS property to change the border of an element to YUV 80.1780, 10.2652, 20.8919 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, 64, 101) }
```


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

```
.border{ border-color:rgb(104, 64, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 64, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 64, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 64, 101);  
box-shadow:4px 4px 4px 4px rgb(104, 64,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 80.1780, 10.2652, 20.8919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 64, 101) }
```

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

```
.background{ background-color: rgb(104, 64,  
101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor