

Converting Colors

YUV(80.5120, 17.0026, 6.5670)

Have a look what the booklet for
YUV(80.5120, 17.0026, 6.5670)
contains.

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Color

**YUV(80.5120, 17.0026,
6.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	584673
RGB	88, 70, 115
RGB Percent	35%, 27%, 45%
CMY	0.6549, 0.7255, 0.5490
CMYK	0.23, 0.39, 0.00, 0.55
HSL	264°, 24%, 36%
HSV	264°, 39%, 45%
XYZ	9.3092, 7.6928, 17.2139
YIQ	80.5120, -3.7170, 17.8110

Conversions

Conversions Part 2

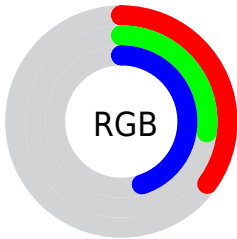
Format	Color
R_{YB}	88, 70, 115
Decimal	5785203
CIE Lab	33.33, 17.83, -23.08
CIE LCh	33, 29.166, 307.678
Yxy	7.6928, 0.2721, 0.2248
Android (android.graphics.Color)	4283975283 (0xFF584673)
YUV	80.5120, 17.0026, 6.5670
Hunter-Lab	27.7360, 11.3730, -17.3822

Details

The YUV color **80.5120, 17.0026, 6.5670** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **104.4880, -17.0026, -6.5670**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.4520, 18.0182, 7.4966**, and **35.1590, 15.6976, 5.1226** is the 20% darker color. If you saturate the color by 10%, you get **71.9620, 21.2177, 7.9263**, and if you desaturate by 10%, it is **89.6490, 12.4980, 4.6928**.

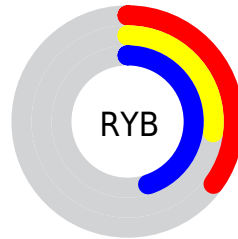
Distribution



Red (35%)

Green (27%)

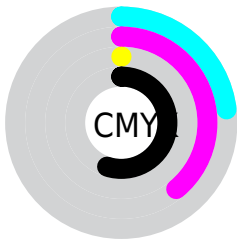
Blue (45%)



Red (35%)

Yellow (27%)

Blue (45%)

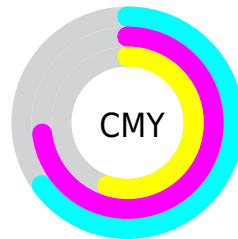


Cyan (23%)

Magenta (39%)

Yellow (0%)

Black (55%)



Cyan (65%)

Magenta (73%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.5120, 17.0026, 6.5670 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 80.5120, 17.0026, 6.5670 by changing the saturation by 10% instead.

80.5120, 17.0026,
6.5670

80.5120, 17.0026,
6.5670

255.0000, 0.0000,
0.0000

56.9850, 16.2764,
6.1522

130.4520, 18.0182,
7.4966

35.1590, 15.6976,
5.1226

155.9790, 18.7444,
7.9114

11.8820, 15.8342,
7.9965

183.3920, 19.0337,
8.4262

3.2090, 9.7570,
-2.8143

210.9190, 19.7599,
8.8410

0.0000, 0.0000,
0.0000

236.4820, 9.1294,
11.8553

80.5120, 17.0026,
6.5670

80.5120, 17.0026,
6.5670

71.9620, 21.2177,
7.9263

89.6490, 12.4980,
4.6928

62.8250, 25.7223,
9.8005

98.1990, 8.2829,
3.3335

54.2750, 29.9374,
11.1598

107.3360, 3.7784,
1.4593

45.1380, 34.4420,
13.0340

115.8860, -0.4368,
0.1000

36.5880, 38.6571,
14.3933

125.0230, -4.9413,
-1.7742

27.7500, 43.0142,
16.8822


133.2740, -9.0091,
-3.7483

26.8640, 43.4510,
16.7823

142.4110,
-13.5136, -5.6224

150.9610,

-17.7288, -6.9818

 160.0980,
-22.2333, -8.8559

Harmonies

Analogous

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



75.4590, 23.9307, -22.3275



80.5120, 17.0026, 6.5670



80.8260, 7.4808, 27.3396

Triad

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



80.5120, 17.0026, 6.5670



77.4750, -20.4472, 25.0164



62.4060, 10.6458, -54.7301

Complementary

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



80.5120, 17.0026, 6.5670



104.4880, -17.0026, -6.5670

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.



67.7540, -3.8227, -33.9873



80.5120, 17.0026, 6.5670



75.6210, -21.9982, 9.1024

Square

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



80.5120, 17.0026, 6.5670



78.3760, -13.4964, 35.6272



72.9930, -16.2655, -9.6409



64.3270, 20.5448, -56.4148

Rectangle

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



80.5120, 17.0026, 6.5670



79.7470, 0.6177, 35.3019



72.9930, -16.2655, -9.6409



61.4940, 7.1515, -53.9302

Sweetspot

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



80.5120, 17.0026, 6.5670



136.4440, 6.6831, 3.1186



90.9790, 11.8424, -18.3986



68.4500, 4.2151, 1.3593



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.



80.5120, 17.0026, 6.5670



96.3520, 26.4485, 10.2153



87.0900, 13.7596, 20.0921



54.2820, 2.3260, 0.6297



28.5590, 46.0664, 17.9268



58.4000, 94.4588, 36.4832

Inverse Universe

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



86.5330, 5.1602, 24.9656



105.7180, 8.0270, 38.8353



97.9100, -13.7596, -20.0921



55.1360, 0.4260, 3.3887



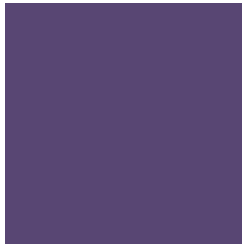
44.8000, 13.9026, 67.7044



91.8500, 28.6680, 138.6976

Previews

White Background



This preview shows how the YUV color 80.5120, 17.0026, 6.5670 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



This preview shows how the YUV color 80.5120, 17.0026, 6.5670 looks on a 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 80.5120, 17.0026, 6.5670

Background



This preview shows how black text looks on a background with the YUV color 80.5120, 17.0026, 6.5670.



This preview shows how white text looks on a background with the YUV color 80.5120, 17.0026,

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

80.5120, 17.0026, 6.5670

Protanopia

77.8300, 21.2828, -13.0059

Deuteranopia

78.1030, 17.2042, -11.4913



Tritanopia

79.1790, 1.8838, 2.4740

Trichromacy



Original Color

80.5120, 17.0026, 6.5670

Protanomaly

78.5320, 19.9507, -5.7286

Deuteranomaly

78.8480, 17.3299, -5.1287

Tritanomaly

79.3840, 7.6987, 4.0482

Monochromacy



Original Color

80.5120, 17.0026, 6.5670

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9170, 5.9569, 2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.5120, 17.0026, 6.5670 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(88, 70, 115)` looks like.

```
.text, #text, p{  
    color:rgb(88, 70, 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(88, 70, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 70, 115) }
```

Border

The CSS property to change the border of an element to YUV 80.5120, 17.0026, 6.5670 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(88, 70, 115) }
```


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

```
.border{ border-color:rgb(88, 70, 115) }
```

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

Here you see how a box with a 4 pixel rgb(88, 70, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 70, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 70, 115);  
box-shadow:4px 4px 4px 4px rgb(88, 70,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 80.5120, 17.0026, 6.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 70, 115) }
```

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

```
.background{ background-color: rgb(88, 70,  
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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