

Converting Colors

YUV(80.7080, 53.3880, 2.8871)

Have a look what the booklet for
YUV(80.7080, 53.3880, 2.8871)
contains.

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Color

**YUV(80.7080, 53.3880,
2.8871)**

Conversions

Conversions Part 1

Format	Color
Hex	543ABD
RGB	84, 58, 189
RGB Percent	33%, 23%, 74%
CMY	0.6706, 0.7725, 0.2588
CMYK	0.56, 0.69, 0.00, 0.26
HSL	252°, 53%, 48%
HSV	252°, 69%, 74%
XYZ	14.3545, 8.5851, 49.0446
YIQ	80.7080, -26.5550, 46.2530

Conversions

Conversions Part 2

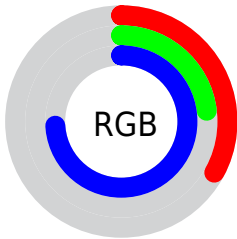
Format	Color
R_{YB}	84, 58, 189
Decimal	5520061
CIE _{Lab}	35.17, 45.70, -65.08
CIE _{LCh}	35, 79.523, 305.074
Yxy	8.5851, 0.1994, 0.1193
Android (android.graphics.Color)	4283710141 (0xFF543ABD)
YUV	80.7080, 53.3880, 2.8871
Hunter-Lab	29.3003, 36.1737, -78.7332

Details

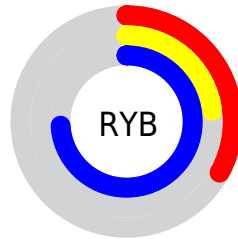
The YUV color **80.7080, 53.3880, 2.8871** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **166.2920, -53.3880, -2.8871**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6100, 55.4083, 8.2350**, and **20.8580, 55.7790, -17.4155** is the 20% darker color. If you saturate the color by 10%, you get **65.0700, 61.0975, 3.4466**, and if you desaturate by 10%, it is **96.3460, 45.6784, 2.3276**.

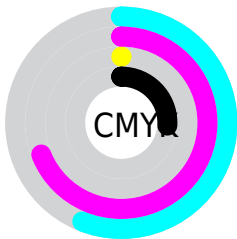
Distribution



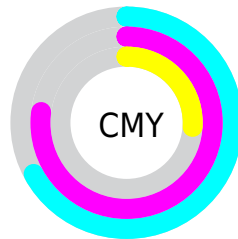
- Red (33%)
- Green (23%)
- Blue (74%)



- Red (33%)
- Yellow (23%)
- Blue (74%)



- Cyan (56%)
- Magenta (69%)
- Yellow (0%)
- Black (26%)



- Cyan (67%)
- Magenta (77%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.7080, 53.3880, 2.8871 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 80.7080, 53.3880, 2.8871 by changing the saturation by 10% instead.

■ 80.7080, 53.3880,
2.8871

■ 80.7080, 53.3880,
2.8871

■ 255.0000, 0.0000,
0.0000

■ 53.8600, 52.8200,
-1.6312

■ 133.6100, 55.4083,
8.2350

■ 20.8580, 55.7790,
-17.4155

■ 158.5690, 47.5405,
11.7790

■ 12.3120, 47.1742,
-10.7976

■ 183.3880, 35.3047,
16.3227

■ 9.4620, 36.2542,
-8.2982

■ 208.2070, 23.0689,
20.8665

■ 10.2480, 24.0347,
-8.9875

■ 231.5200, 11.5756,
20.5920

■ 5.2780, 15.1459,
-4.6288

■ 248.5430, 3.1833,

■ 1.3680, 5.2416,

5.6628

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 80.7080, 53.3880,
2.8871

■ 80.7080, 53.3880,
2.8871

■ 65.0700, 61.0975,
3.4466

■ 96.3460, 45.6784,
2.3276

■ 49.4320, 68.8070,
4.0061

■ 111.9840, 37.9689,
1.7680

■ 33.7940, 76.5166,
4.5657

■ 127.6220, 30.2594,
1.2085

■ 32.9080, 76.9534,
4.4657

■ 143.5590, 22.4024,
1.2638

■ 159.1970, 14.6929,
0.7042

■ 174.2480, 7.2727,
0.6595

■ 189.8860, -0.4368,
0.1000

■ 205.5240, -8.1463,
-0.4595

■ 221.1620,
-15.8559, -1.0191

Harmonies

Analogous

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



76.5250, 67.2822, -67.1124



80.7080, 53.3880, 2.8871



64.1700, 36.3982, 85.7969

Triad

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



80.7080, 53.3880, 2.8871



75.3300, -37.1377, 58.4696



72.7100, 9.5100, -63.7667

Complementary

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



80.7080, 53.3880, 2.8871



166.2920, -53.3880, -2.8871

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.



63.4420, -20.9239, -55.6386



80.7080, 53.3880, 2.8871



76.8160, -37.8703, 13.3164

Square

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



80.7080, 53.3880, 2.8871



54.1770, -21.2863, 107.7158



57.5260, -28.3603, -50.4503



80.4790, 36.7389, -70.5801

Rectangle

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



80.7080, 53.3880, 2.8871



65.6610, 14.9571, 102.9063



57.5260, -28.3603, -50.4503



70.2020, -0.0996, -61.5672

Sweetspot

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



80.7080, 53.3880, 2.8871



202.2170, 21.0920, 1.5637



135.7430, 26.2557, -68.1806



97.2140, 12.2195, 0.6893



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.



80.7080, 53.3880, 2.8871



77.1020, 82.7737, 4.2955



99.8440, 43.9539, 42.2328



86.6240, 3.6364, 0.3298



27.2810, 64.4445, 3.2616



5.3280, 12.6563, 0.5893

Inverse Universe

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



109.1390, 26.5535, 70.0381



121.1650, 40.8377, 108.6033



147.1560, -43.9539, -42.2328



88.4890, 1.7309, 4.8331



61.7200, 32.1830, 84.4376



12.1190, 6.3503, 16.5586

Previews

White Background



This preview shows how the YUV color 80.7080, 53.3880, 2.8871 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 80.7080, 53.3880, 2.8871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

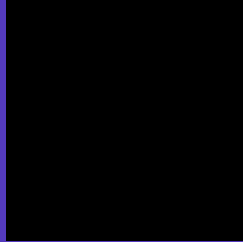
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.7080, 53.3880, 2.8871

Background



This preview shows how black text looks on a background with the YUV color 80.7080, 53.3880, 2.8871.



This preview shows how white text looks on a background with the YUV color 80.7080, 53.3880,

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

80.7080, 53.3880, 2.8871

Protanopia

66.1120, 50.2308, -57.9802

Deuteranopia

66.4250, 38.7375, -58.2547



Tritanopia

78.1370, 8.8065, -24.6761

Trichromacy



Original Color

80.7080, 53.3880, 2.8871

Protanomaly

71.5970, 51.4707, -35.6036

Deuteranomaly

71.6480, 44.0505, -35.6483

Tritanomaly

79.1440, 25.0720, -15.0353

Monochromacy



Original Color

80.7080, 53.3880, 2.8871

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0490, 19.2028, 0.8340

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.7080, 53.3880, 2.8871 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(84, 58, 189)` looks like.

```
.text, #text, p{  
    color:rgb(84, 58, 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(84, 58, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 58, 189) }
```

Border

The CSS property to change the border of an element to YUV 80.7080, 53.3880, 2.8871 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(84, 58, 189) }
```


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

```
.border{ border-color:rgb(84, 58, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 58, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 58, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 58, 189);  
box-shadow:4px 4px 4px 4px rgb(84, 58,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 80.7080, 53.3880, 2.8871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 58, 189) }
```

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

```
.background{ background-color: rgb(84, 58,  
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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