

Converting Colors

YUV(81.0580, 52.7224, 29.7671)

Have a look what the booklet for
YUV(81.0580, 52.7224, 29.7671)
contains.

YUV(81.0580, 52.7224, 29.7671)	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(81.0580, 52.7224,
29.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	732BBC
RGB	115, 43, 188
RGB Percent	45%, 17%, 74%
CMY	0.5490, 0.8314, 0.2627
CMYK	0.39, 0.77, 0.00, 0.26
HSL	270°, 63%, 45%
HSV	270°, 77%, 74%
XYZ	17.0112, 9.0034, 48.4182
YIQ	81.0580, -3.6330, 60.3590

Conversions

Conversions Part 2

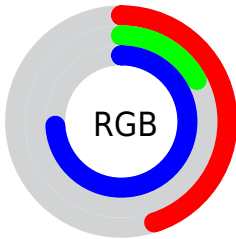
Format	Color
RYB	115, 43, 188
Decimal	7547836
CIELab	35.99, 57.68, -63.02
CIELCh	36, 85.426, 312.467
Yxy	9.0034, 0.2285, 0.1210
Android (android.graphics.Color)	4285737916 (0xFF732BBC)
YUV	81.0580, 52.7224, 29.7671
Hunter-Lab	30.0057, 48.6874, -74.6683

Details

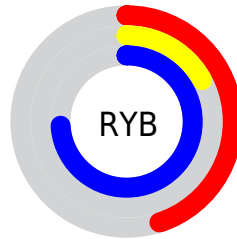
The YUV color **81.0580, 52.7224, 29.7671** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **149.9420, -52.7224, -29.7671**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.5960, 53.4432, 31.9263**, and **31.9060, 49.8393, 21.1304** is the 20% darker color. If you saturate the color by 10%, you get **67.2140, 59.5475, 34.0153**, and if you desaturate by 10%, it is **94.9020, 45.8973, 25.5189**.

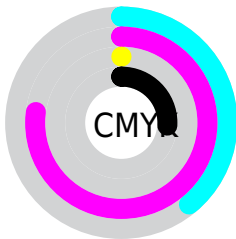
Distribution



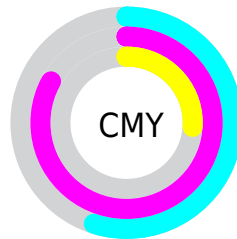
- Red (45%)
- Green (17%)
- Blue (74%)



- Red (45%)
- Yellow (17%)
- Blue (74%)



- Cyan (39%)
- Magenta (77%)
- Yellow (0%)
- Black (26%)



- Cyan (55%)
- Magenta (83%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.0580, 52.7224, 29.7671 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 81.0580, 52.7224, 29.7671 by changing the saturation by 10% instead.

81.0580, 52.7224,
29.7671

81.0580, 52.7224,
29.7671

255.0000, 0.0000,
0.0000

49.2370, 54.6062,
32.2412

136.5960, 53.4432,
31.9263

31.9060, 49.8393,
21.1304

161.6690, 46.0122,
35.3703

18.4770, 43.6418,
2.2127

186.4880, 33.7764,
39.9140

9.3480, 35.8174,
-8.1982

209.8010, 22.2831,
39.6395

9.5470, 23.8873,
-8.3727

226.2370, 14.1802,
25.2252

5.1640, 14.7091,
-4.5288

243.2600, 5.7878,

1.2540, 4.8048,

10.2960

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 81.0580, 52.7224,
29.7671

■ 81.0580, 52.7224,
29.7671

■ 67.2140, 59.5475,
34.0153

■ 94.9020, 45.8973,
25.5189

■ 53.0710, 66.5200,
37.6487

■ 109.0450, 38.9248,
21.8855

■ 49.2390, 68.4092,
38.3784

■ 122.3020, 32.3891,
18.1521

■ 136.4450, 25.4166,
14.5187

■ 150.2890, 18.5915,
10.2705

■ 164.4320, 11.6190,
6.6371

■ 178.2760, 4.7939,
2.3889

■ 191.8320, -1.8892,
-0.7297

■ 205.6760, -8.7143,
-4.9779

Harmonies

Analogous

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



75.7900, 72.0815, -66.4678



81.0580, 52.7224, 29.7671



68.7110, 29.2295, 98.4775

Triad

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



81.0580, 52.7224, 29.7671



79.4060, -39.1472, 49.6329



77.4520, 17.5252, -67.9254

Complementary

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



81.0580, 52.7224, 29.7671



149.9420, -52.7224, -29.7671

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.



67.8420, -14.2191, -59.4974



81.0580, 52.7224, 29.7671



76.7390, -37.8323, 1.1059

Square

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



81.0580, 52.7224, 29.7671



53.2220, -26.2384, 109.4303



60.4610, -29.8073, -53.0243



84.8620, 45.9170, -74.4240

Rectangle

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



81.0580, 52.7224, 29.7671



67.7670, 7.5099, 111.5833



60.4610, -29.8073, -53.0243



74.1290, 7.3314, -65.0111

Sweetspot

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



81.0580, 52.7224, 29.7671



202.8700, 20.7701, 11.5150



103.5550, 41.6314, -53.1067



96.9590, 12.3452, 7.0520



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.



81.0580, 52.7224, 29.7671



76.7790, 82.9330, 46.6748



102.2870, 42.2565, 73.4163



87.5210, 3.1941, 2.1741



41.6330, 57.3689, 32.7709



8.0190, 11.3296, 6.1223

Inverse Universe

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



94.6770, 10.5122, 81.8443



98.2820, 16.6230, 128.6717



128.7130, -42.2565, -73.4163



88.2610, 0.8573, 5.0331



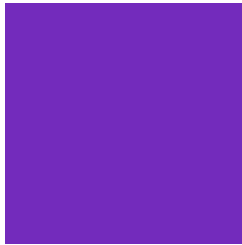
56.3620, 11.6535, 89.1365



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 81.0580, 52.7224, 29.7671 looks on a white background.

Color Contrast Check

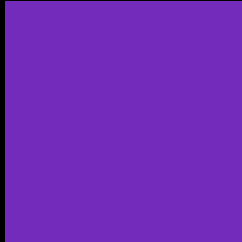
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.0580, 52.7224, 29.7671 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 81.0580, 52.7224, 29.7671

Background



This preview shows how black text looks on a background with the YUV color 81.0580, 52.7224, 29.7671.



This preview shows how white text looks on a background with the YUV color 81.0580, 52.7224,

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

81.0580, 52.7224, 29.7671

Protanopia

67.8560, 51.8360, -59.5097

Deuteranopia

68.1690, 40.3427, -59.7842



Tritanopia

86.2720, 0.8519, 6.7775

Trichromacy



Original Color

81.0580, 52.7224, 29.7671



Protanomaly

72.7660, 51.8804, -26.9818



Deuteranomaly

72.9310, 44.8970, -27.1265



Tritanomaly

84.5500, 19.4489, 15.3037

Monochromacy



Original Color

81.0580, 52.7224, 29.7671



Achromatopsia

81.0000, 0.0000, 0.0000



Achromatomaly

80.8160, 19.3177, 10.6854

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.0580, 52.7224, 29.7671 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(115, 43, 188)` looks like.

```
.text, #text, p{  
    color:rgb(115, 43, 188)  
}
```

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(115, 43, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 43, 188) }
```

Border

The CSS property to change the border of an element to YUV 81.0580, 52.7224, 29.7671 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(115, 43, 188) }
```


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

```
.border{ border-color:rgb(115, 43, 188) }
```

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

Here you see how a box with a 4 pixel rgb(115, 43, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 43, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 43, 188);  
box-shadow:4px 4px 4px 4px rgb(115, 43,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 81.0580, 52.7224, 29.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 43, 188) }
```

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

```
.background{ background-color: rgb(115, 43,  
188) }
```

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