

Converting Colors

YUV(77.8980, 55.2663, 7.1055)

Have a look what the booklet for
YUV(77.8980, 55.2663, 7.1055)
contains.

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Color

**YUV(77.8980, 55.2663,
7.1055)**

Conversions

Conversions Part 1

Format	Color
Hex	5634BE
RGB	86, 52, 190
RGB Percent	34%, 20%, 75%
CMY	0.6627, 0.7961, 0.2549
CMYK	0.55, 0.73, 0.00, 0.25
HSL	255°, 57%, 47%
HSV	255°, 73%, 75%
XYZ	14.3600, 8.1521, 49.5319
YIQ	77.8980, -24.0340, 50.1260

Conversions

Conversions Part 2

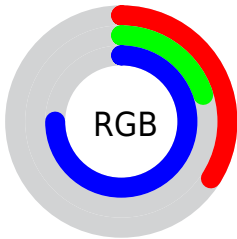
Format	Color
R_{YB}	86, 52, 190
Decimal	5649598
CIE _{Lab}	34.30, 49.50, -67.10
CIE _{LCh}	34, 83.381, 306.419
Yxy	8.1521, 0.1993, 0.1132
Android (android.graphics.Color)	4283839678 (0xFF5634BE)
YUV	77.8980, 55.2663, 7.1055
Hunter-Lab	28.5519, 39.8096, -82.8699

Details

The YUV color **77.8980, 55.2663, 7.1055** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **164.1020, -55.2663, -7.1055**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3870, 56.9972, 11.9386**, and **16.5860, 58.3781, -11.0379** is the 20% darker color. If you saturate the color by 10%, you get **62.5590, 62.8284, 8.2798**, and if you desaturate by 10%, it is **93.2370, 47.7042, 5.9312**.

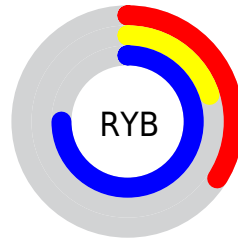
Distribution



Red (34%)

Green (20%)

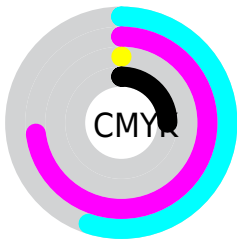
Blue (75%)



Red (34%)

Yellow (20%)

Blue (75%)

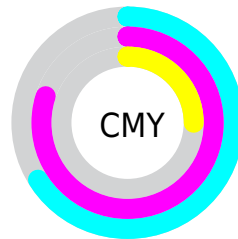


Cyan (55%)

Magenta (73%)

Yellow (0%)

Black (25%)



Cyan (66%)

Magenta (80%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.8980, 55.2663, 7.1055 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 77.8980, 55.2663, 7.1055 by changing the saturation by 10% instead.

■ 77.8980, 55.2663,
7.1055

■ 77.8980, 55.2663,
7.1055

■ 255.0000, 0.0000,
0.0000

■ 50.4630, 54.9877,
3.1019

■ 131.3870, 56.9972,
11.9386

■ 16.5860, 58.3781,
-11.0379

■ 156.5310, 48.5452,
16.1973

■ 12.4260, 47.6110,
-10.8976

■ 180.4640, 36.7462,
20.6411

■ 9.5760, 36.6910,
-8.3982

■ 205.8700, 24.2211,
24.6700

■ 10.3620, 24.4715,
-9.0875

■ 228.5850, 13.0226,
23.1660

■ 5.3920, 15.5827,
-4.7288

■ 245.0210, 4.9196,

■ 2.0690, 5.3890,

8.7516

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 77.8980, 55.2663,
7.1055

■ 77.8980, 55.2663,
7.1055

■ 62.5590, 62.8284,
8.2798

■ 93.2370, 47.7042,
5.9312

■ 46.9210, 70.5379,
8.8393

■ 108.8750, 39.9946,
5.3716

■ 35.7130, 76.0635,
9.8987

■ 124.2140, 32.4325,
4.1973

■ 139.5530, 24.8704,
3.0230

■ 155.1910, 17.1608,
2.4635

■ 170.5300, 9.5987,
1.2892

■ 185.8690, 2.0366,
0.1149

■ 201.5070, -5.6730,
-0.4446

■ 216.8460,
-13.2351, -1.6189

Harmonies

Analogous

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



75.6930, 69.1714, -66.3828



77.8980, 55.2663, 7.1055



64.7250, 34.6456, 87.9412

Triad

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



77.8980, 55.2663, 7.1055



74.1450, -36.5535, 57.7548



72.3510, 10.6730, -63.4518

Complementary

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



77.8980, 55.2663, 7.1055



164.1020, -55.2663, -7.1055

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.



62.0400, -21.2187, -54.4091



77.8980, 55.2663, 7.1055



74.7340, -36.8439, 10.7573

Square

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



77.8980, 55.2663, 7.1055



52.7380, -25.5068, 108.1008



56.9390, -28.0709, -49.9355



79.7610, 39.0648, -69.9504

Rectangle

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



77.8980, 55.2663, 7.1055



65.8030, 12.9151, 104.5358



56.9390, -28.0709, -49.9355



69.1420, 0.9160, -60.6375

Sweetspot

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



77.8980, 55.2663, 7.1055



203.0430, 21.6708, 2.5933



129.9540, 29.6027, -68.3657



98.1540, 13.2351, 1.6189



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



77.8980, 55.2663, 7.1055



72.3570, 86.0990, 11.0879



97.9310, 45.3900, 48.2955



86.6240, 3.6364, 0.3298



29.6730, 63.2652, 8.1798



5.9260, 12.3615, 1.8189

Inverse Universe

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



105.1180, 25.0848, 74.4415



114.7530, 39.0688, 115.9806



144.0690, -45.3900, -48.2955



88.4890, 1.7309, 4.8331



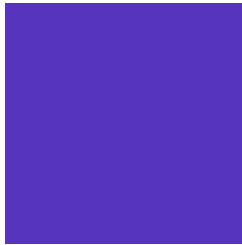
60.8080, 28.6887, 85.2374



11.8910, 5.4767, 16.7586

Previews

White Background



This preview shows how the YUV color 77.8980, 55.2663, 7.1055 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 77.8980, 55.2663, 7.1055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

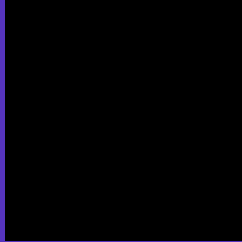
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.8980, 55.2663, 7.1055

Background



This preview shows how black text looks on a background with the YUV color 77.8980, 55.2663, 7.1055.



This preview shows how white text looks on a background with the YUV color 77.8980, 55.2663,

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

77.8980, 55.2663, 7.1055

Protanopia

64.4820, 49.0624, -56.5507

Deuteranopia

64.7950, 37.5691, -56.8252



Tritanopia

76.6320, 8.0694, -21.6023

Trichromacy



Original Color

77.8980, 55.2663, 7.1055

Protanomaly

69.4940, 51.0285, -33.7592

Deuteranomaly

69.6590, 44.0451, -33.9039

Tritanomaly

77.1660, 25.0612, -11.5466

Monochromacy



Original Color

77.8980, 55.2663, 7.1055

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.2880, 20.0710, 2.3784

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8980, 55.2663, 7.1055 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(86, 52, 190)` looks like.

```
.text, #text, p{  
    color:rgb(86, 52, 190)  
}
```

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(86, 52, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 52, 190) }
```

Border

The CSS property to change the border of an element to YUV 77.8980, 55.2663, 7.1055 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(86, 52, 190) }
```


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

```
.border{ border-color:rgb(86, 52, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 52, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 52, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 52, 190);  
box-shadow:4px 4px 4px 4px rgb(86, 52,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 77.8980, 55.2663, 7.1055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 52, 190) }
```

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

```
.background{ background-color: rgb(86, 52,  
190) }
```

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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