

Converting Colors

YUV(73.8980, 55.2663, 7.1055)

Have a look what the booklet for
YUV(73.8980, 55.2663, 7.1055)
contains.

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Color

**YUV(73.8980, 55.2663,
7.1055)**

Conversions

Conversions Part 1

Format	Color
Hex	5230BA
RGB	82, 48, 186
RGB Percent	32%, 19%, 73%
CMY	0.6784, 0.8118, 0.2706
CMYK	0.56, 0.74, 0.00, 0.27
HSL	255°, 59%, 46%
HSV	255°, 74%, 73%
XYZ	13.3996, 7.4529, 47.1867
YIQ	73.8980, -24.0340, 50.1260

Conversions

Conversions Part 2

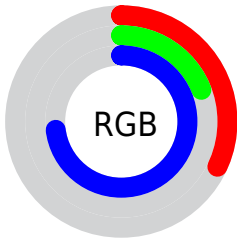
Format	Color
R_{YB}	82, 48, 186
Decimal	5386426
CIE _{Lab}	32.82, 49.81, -67.18
CIE _{LCh}	33, 83.636, 306.554
Yxy	7.4529, 0.1969, 0.1095
Android (android.graphics.Color)	4283576506 (0xFF5230BA)
YUV	73.8980, 55.2663, 7.1055
Hunter-Lab	27.3000, 39.8373, -83.3697

Details

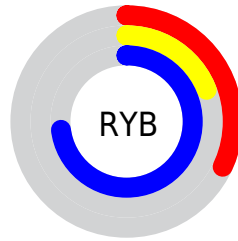
The YUV color **73.8980, 55.2663, 7.1055** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **160.1020, -55.2663, -7.1055**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.3870, 56.9972, 11.9386**, and **14.9340, 57.2205, -13.0971** is the 20% darker color. If you saturate the color by 10%, you get **58.5590, 62.8284, 8.2798**, and if you desaturate by 10%, it is **89.2370, 47.7042, 5.9312**.

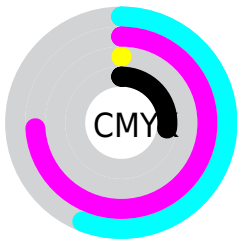
Distribution



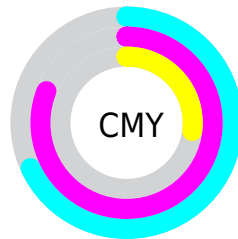
- Red (32%)
- Green (19%)
- Blue (73%)



- Red (32%)
- Yellow (19%)
- Blue (73%)



- Cyan (56%)
- Magenta (74%)
- Yellow (0%)
- Black (27%)



- Cyan (68%)
- Magenta (81%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.8980, 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 73.8980, 55.2663, 7.1055 by changing the saturation by 10% instead.

■ 73.8980, 55.2663,
7.1055

■ 73.8980, 55.2663,
7.1055

■ 255.0000, 0.0000,
0.0000

■ 46.1640, 55.1351,
2.4872

■ 127.3870, 56.9972,
11.9386

■ 14.9340, 57.2205,
-13.0971

■ 152.9870, 50.2924,
15.7974

■ 11.9700, 45.8638,
-10.4977

■ 176.9200, 38.4934,
20.2412

■ 9.1200, 34.9438,
-7.9982

■ 201.7390, 26.2577,
24.7849

■ 9.3190, 23.0137,
-8.1728

■ 225.6500, 14.4696,
25.7400

■ 5.0500, 14.2723,
-4.4289

■ 242.6730, 6.0772,

■ 0.7980, 3.0576,

10.8108

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 73.8980, 55.2663,
7.1055

■ 73.8980, 55.2663,
7.1055

■ 58.5590, 62.8284,
8.2798

■ 89.2370, 47.7042,
5.9312

■ 43.8070, 70.1011,
8.9393

■ 103.9890, 40.4314,
5.2716

■ 34.9580, 74.4637,
9.6838

■ 119.3280, 32.8693,
4.0973

■ 134.0800, 25.5966,
3.4378

■ 149.4190, 18.0344,
2.2635

■ 164.7580, 10.4723,
1.0892

■ 179.5100, 3.1996,
0.4297

■ 194.8490, -4.3626,
-0.7446

■ 209.6010,
-11.6353, -1.4041

Harmonies

Analogous

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



73.5900, 68.7291, -64.5384



73.8980, 55.2663, 7.1055



63.3720, 33.3406, 86.4968

Triad

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



73.8980, 55.2663, 7.1055



70.3020, -34.6589, 56.7401



69.6610, 10.5201, -61.0927

Complementary

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



73.8980, 55.2663, 7.1055



160.1020, -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.



59.2360, -21.8083, -51.9500



73.8980, 55.2663, 7.1055



71.4780, -35.2387, 9.2278

Square

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



73.8980, 55.2663, 7.1055



51.4280, -25.3540, 105.7416



54.5910, -26.9134, -47.8763



77.6580, 38.6226, -68.1061

Rectangle

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



73.8980, 55.2663, 7.1055



64.1510, 11.7576, 102.4766



54.5910, -26.9134, -47.8763



66.4520, 0.7632, -58.2784

Sweetspot

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



73.8980, 55.2663, 7.1055



198.9290, 21.2340, 2.6933



125.9540, 29.6027, -68.3657



96.6270, 12.5089, 1.2041



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.



73.8980, 55.2663, 7.1055



67.3570, 86.0990, 11.0879



93.9310, 45.3900, 48.2955



84.6240, 3.6364, 0.3298



29.1460, 62.5390, 7.7650



5.2850, 11.1985, 1.5041

Inverse Universe

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



101.1180, 25.0848, 74.4415



109.7530, 39.0688, 115.9806



140.0690, -45.3900, -48.2955



86.4890, 1.7309, 4.8331



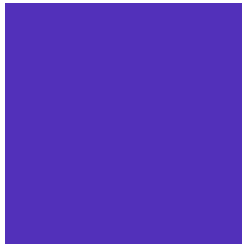
59.9820, 28.1099, 84.2078



10.7660, 5.0454, 15.1142

Previews

White Background



This preview shows how the YUV color 73.8980, 55.2663, 7.1055 looks on a white background.

Color Contrast Check

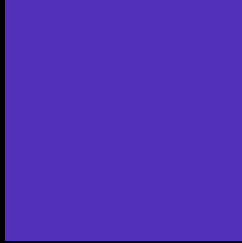
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.8980, 55.2663, 7.1055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

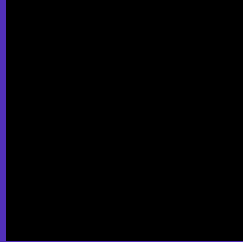
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.8980, 55.2663, 7.1055

Background



This preview shows how black text looks on a background with the YUV color 73.8980, 55.2663, 7.1055.



This preview shows how white text looks on a background with the YUV color 73.8980, 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

73.8980, 55.2663, 7.1055

Protanopia

61.9230, 46.8730, -54.3065

Deuteranopia

61.7630, 36.1058, -54.1662



Tritanopia

72.9200, 7.9274, -22.7318

Trichromacy



Original Color

73.8980, 55.2663, 7.1055

Protanomaly

66.2770, 50.1494, -31.8149

Deuteranomaly

66.4420, 43.1661, -31.9596

Tritanomaly

73.1660, 25.0612, -11.5466

Monochromacy



Original Color

73.8980, 55.2663, 7.1055

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.2880, 20.0710, 2.3784

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.8980, 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(82, 48, 186)` looks like.

```
.text, #text, p{  
    color:rgb(82, 48, 186)  
}
```

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(82, 48, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 48, 186) }
```

Border

The CSS property to change the border of an element to YUV 73.8980, 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(82, 48, 186) }
```


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

```
.border{ border-color:rgb(82, 48, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 48, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 48, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 48, 186);  
box-shadow:4px 4px 4px 4px rgb(82, 48,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 73.8980, 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(82, 48, 186) }
```

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

```
.background{ background-color: rgb(82, 48,  
186) }
```

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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