

Converting Colors

YUV(72.8980, 21.7423, 26.3995)

Have a look what the booklet for
YUV(72.8980, 21.7423, 26.3995)
contains.

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Color

**YUV(72.8980, 21.7423,
26.3995)**

Conversions

Conversions Part 1

Format	Color
Hex	673175
RGB	103, 49, 117
RGB Percent	40%, 19%, 46%
CMY	0.5961, 0.8078, 0.5412
CMYK	0.12, 0.58, 0.00, 0.54
HSL	288°, 41%, 33%
HSV	288°, 58%, 46%
XYZ	9.9027, 6.3645, 17.5362
YIQ	72.8980, 10.3560, 32.5960

Conversions

Conversions Part 2

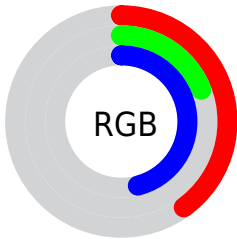
Format	Color
R _Y B	103, 49, 117
Decimal	6762869
CIE Lab	30.31, 35.64, -28.96
CIE LCh	30, 45.928, 320.905
Yxy	6.3645, 0.2930, 0.1883
Android (android.graphics.Color)	4284952949 (0xFF673175)
YUV	72.8980, 21.7423, 26.3995
Hunter-Lab	25.2280, 25.9172, -23.5532

Details

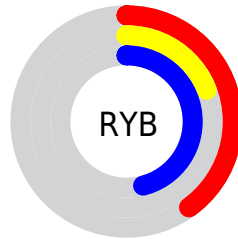
The YUV color **72.8980, 21.7423, 26.3995** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **93.1020, -21.7423, -26.3995**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.4360, 22.4631, 28.5586**, and **23.5990, 21.8897, 25.7847** is the 20% darker color. If you saturate the color by 10%, you get **65.2560, 25.5098, 31.3475**, and if you desaturate by 10%, it is **80.5400, 17.9748, 21.4514**.

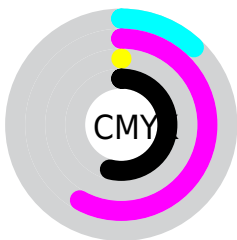
Distribution



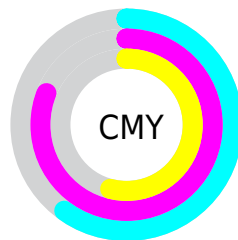
- Red (40%)
- Green (19%)
- Blue (46%)



- Red (40%)
- Yellow (19%)
- Blue (46%)



- Cyan (12%)
- Magenta (58%)
- Yellow (0%)
- Black (54%)



- Cyan (60%)
- Magenta (81%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8980, 21.7423, 26.3995 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 72.8980, 21.7423, 26.3995 by changing the saturation by 10% instead.

72.8980, 21.7423,
26.3995

72.8980, 21.7423,
26.3995

255.0000, 0.0000,
0.0000

48.4850, 21.4529,
25.8847

123.4360, 22.4631,
28.5586

23.5990, 21.8897,
25.7847

149.9630, 23.1892,
28.9734

15.4100, 15.0809,
16.3034

177.0880, 23.6206,
30.6178

3.3230, 10.1938,
-2.9143

204.6150, 24.3468,
31.0326

0.0000, 0.0000,
0.0000

225.6500, 14.4696,
25.7400

242.0860, 6.3666,

11.3256

■ 72.8980, 21.7423,
26.3995

■ 72.8980, 21.7423,
26.3995

■ 65.2560, 25.5098,
31.3475

■ 80.5400, 17.9748,
21.4514

■ 57.9020, 29.1353,
35.1659

■ 87.8940, 14.3493,
17.6330

■ 50.2600, 32.9028,
40.1140

■ 95.5360, 10.5818,
12.6849

■ 42.3190, 36.8177,
44.4472

■ 103.4770, 6.6668,
8.3517

■ 41.1450, 37.3965,
45.4768

■ 111.1190, 2.8993,
3.4036

■ 118.1740, -0.5788,
-1.0296

■ 126.1150, -4.4937,
-5.3629

■ 133.7570, -8.2612,
-10.3109

■ 141.1110,
-11.8867, -14.1293

Harmonies

Analogous

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



68.3310, 34.8398, -21.3383



72.8980, 21.7423, 26.3995



66.9310, 8.4150, 54.4345

Triad

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



72.8980, 21.7423, 26.3995



67.4460, -33.2509, 25.0419



62.0130, 16.7556, -54.3854

Complementary

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



72.8980, 21.7423, 26.3995



93.1020, -21.7423, -26.3995

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.



57.7950, 0.5941, -50.6862



72.8980, 21.7423, 26.3995



64.3350, -31.7172, -0.2938

Square

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



72.8980, 21.7423, 26.3995



67.1250, -26.1906, 47.2484



53.6100, -15.5837, -41.7540



64.3730, 30.8751, -56.4551

Rectangle

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



72.8980, 21.7423, 26.3995



65.1030, -2.5158, 60.4227



53.6100, -15.5837, -41.7540



60.6450, 11.5140, -53.1857

Sweetspot

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



72.8980, 21.7423, 26.3995



136.2430, 8.2612, 10.3109



65.5570, 25.3614, -14.5205



66.4120, 5.2199, 5.7777



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.



72.8980, 21.7423, 26.3995



83.6130, 34.2078, 41.5584



74.9180, 11.3794, 36.9059



54.8800, 2.0312, 1.8592



42.9110, 38.9909, 47.4361



87.7020, 80.0129, 96.7313

Inverse Universe

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



70.9280, -3.9085, 40.4051



80.5010, -6.1630, 63.5816



91.0820, -11.3794, -36.9059



54.9080, -0.4476, 3.5887



39.3280, -7.0637, 72.5033



80.5640, -14.5751, 148.5954

Previews

White Background



This preview shows how the YUV color 72.8980, 21.7423, 26.3995 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 72.8980, 21.7423, 26.3995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

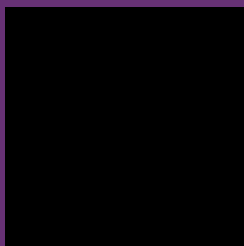
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.8980, 21.7423, 26.3995

Background



This preview shows how black text looks on a background with the YUV color 72.8980, 21.7423, 26.3995.



This preview shows how white text looks on a background with the YUV color 72.8980, 21.7423,

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

72.8980, 21.7423, 26.3995

Protanopia

67.1730, 34.4247, -28.2157

Deuteranopia

70.0960, 21.1517, -17.6242



Tritanopia

73.3230, -3.1172, 19.8877

Trichromacy



Original Color

72.8980, 21.7423, 26.3995

Protanomaly

69.1540, 29.9971, -8.0281

Deuteranomaly

71.1950, 21.1029, -1.9250

Tritanomaly

73.3370, 5.7499, 22.5065

Monochromacy



Original Color

72.8980, 21.7423, 26.3995

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.8300, 7.9718, 9.7961

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8980, 21.7423, 26.3995 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(103, 49, 117)` looks like.

```
.text, #text, p{  
    color:rgb(103, 49, 117)  
}
```

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(103, 49, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 49, 117) }
```

Border

The CSS property to change the border of an element to YUV 72.8980, 21.7423, 26.3995 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(103, 49, 117) }
```


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

```
.border{ border-color:rgb(103, 49, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 49, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 49, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 49, 117);  
box-shadow:4px 4px 4px 4px rgb(103, 49,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 72.8980, 21.7423, 26.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 49, 117) }
```

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

```
.background{ background-color: rgb(103, 49,  
117) }
```

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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