

Converting Colors

YUV(73.7120, 27.2570, 30.9476)

Have a look what the booklet for
YUV(73.7120, 27.2570, 30.9476)
contains.

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Color

**YUV(73.7120, 27.2570,
30.9476)**

Conversions

Conversions Part 1

Format	Color
Hex	6D2D81
RGB	109, 45, 129
RGB Percent	43%, 18%, 51%
CMY	0.5725, 0.8235, 0.4941
CMYK	0.16, 0.65, 0.00, 0.49
HSL	286°, 48%, 34%
HSV	286°, 65%, 51%
XYZ	11.2075, 6.7130, 21.4739
YIQ	73.7120, 11.1800, 39.6920

Conversions

Conversions Part 2

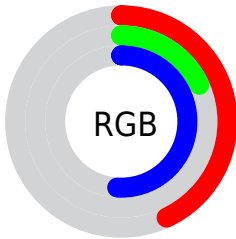
Format	Color
R_{YB}	109, 45, 129
Decimal	7155073
CIE _{Lab}	31.14, 41.98, -35.13
CIE _{LCh}	31, 54.739, 320.072
Y _{xy}	6.7130, 0.2845, 0.1704
Android (android.graphics.Color)	4285345153 (0xFF6D2D81)
YUV	73.7120, 27.2570, 30.9476
Hunter-Lab	25.9094, 31.8715, -31.0035

Details

The YUV color **73.7120, 27.2570, 30.9476** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **100.2880, -27.2570, -30.9476**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.2500, 27.9778, 33.1068**, and **26.3480, 25.9574, 27.7588** is the 20% darker color. If you saturate the color by 10%, you get **65.1840, 31.4613, 35.7956**, and if you desaturate by 10%, it is **82.2400, 23.0527, 26.0995**.

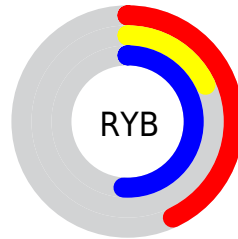
Distribution



Red (43%)

Green (18%)

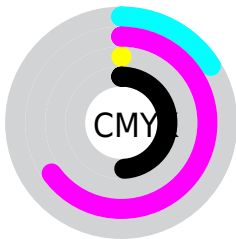
Blue (51%)



Red (43%)

Yellow (18%)

Blue (51%)

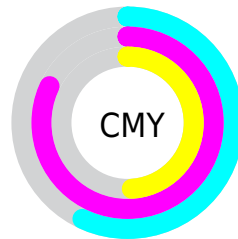


Cyan (16%)

Magenta (65%)

Yellow (0%)

Black (49%)



Cyan (57%)

Magenta (82%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.7120, 27.2570, 30.9476 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 73.7120, 27.2570, 30.9476 by changing the saturation by 10% instead.

73.7120, 27.2570,
30.9476

73.7120, 27.2570,
30.9476

255.0000, 0.0000,
0.0000

47.8260, 27.6938,
30.8476

125.2500, 27.9778,
33.1068

26.3480, 25.9574,
27.7588

152.0760, 28.5565,
34.1363

17.1480, 19.1540,
16.5332

179.6030, 29.2827,
34.5512

3.7620, 14.4143,
-3.2993

205.9470, 24.1831,
36.8805

0.6840, 2.6208,
-0.5999

224.4760, 15.0483,
26.7695

0.0000, 0.0000,
0.0000

240.9120, 6.9454,

12.3552

■ 73.7120, 27.2570,
30.9476

■ 73.7120, 27.2570,
30.9476

■ 65.1840, 31.4613,
35.7956

■ 82.2400, 23.0527,
26.0995

■ 56.6560, 35.6656,
40.6437

■ 90.7680, 18.8484,
21.2515

■ 48.1280, 39.8699,
45.4917

■ 99.2960, 14.6441,
16.4034

■ 44.0080, 41.9011,
47.3510

■ 107.8240, 10.4398,
11.5554

■ 116.3520, 6.2355,
6.7073

■ 124.2930, 2.3206,
2.3740

■ 133.1200, -2.0312,
-1.8592

■ 141.6480, -6.2355,
-6.7073

■ 150.1760,
-10.4398, -11.5554

Harmonies

Analogous

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



64.1640, 44.7821, -36.9778



73.7120, 27.2570, 30.9476



61.1100, 13.7498, 70.0635

Triad

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



73.7120, 27.2570, 30.9476



69.2400, -34.1353, 28.7305



65.0450, 18.2188, -57.0445

Complementary

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



73.7120, 27.2570, 30.9476



100.2880, -27.2570, -30.9476

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.



59.9150, -1.4371, -52.5455



73.7120, 27.2570, 30.9476



66.0960, -32.5853, -1.8382

Square

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



73.7120, 27.2570, 30.9476



65.8120, -31.4593, 57.1699



51.8670, -22.1194, -45.4874



68.6760, 34.6697, -60.2289

Rectangle

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



73.7120, 27.2570, 30.9476



56.1900, 2.3713, 79.6404



51.8670, -22.1194, -45.4874



63.3350, 11.6668, -55.5448

Sweetspot

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



73.7120, 27.2570, 30.9476



146.2370, 10.7292, 12.0702



66.9030, 30.6138, -19.2089



70.7650, 6.5249, 7.2221



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



73.7120, 27.2570, 30.9476



81.8340, 42.4798, 48.3806



77.2980, 15.1361, 45.3427



59.2930, 2.3206, 2.3740



43.5950, 41.6117, 46.8362



0.0000, 0.0000, 0.0000

Inverse Universe

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



72.3960, -3.6462, 49.6417



79.7030, -5.7696, 77.4365



96.7020, -15.1361, -45.3427



59.3210, -0.1583, 4.1035



41.6920, -5.7642, 75.6921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 73.7120, 27.2570, 30.9476 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 73.7120, 27.2570, 30.9476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

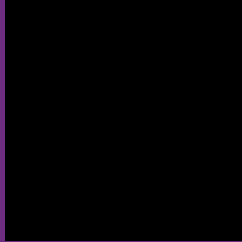
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.7120, 27.2570, 30.9476

Background



This preview shows how black text looks on a background with the YUV color 73.7120, 27.2570, 30.9476.



This preview shows how white text looks on a background with the YUV color 73.7120, 27.2570,

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

73.7120, 27.2570, 30.9476

Protanopia

59.0050, 45.8465, -51.7474

Deuteranopia

70.4200, 26.4149, -25.8013



Tritanopia

75.2200, -3.5595, 21.7321

Trichromacy



Original Color

73.7120, 27.2570, 30.9476

Protanomaly

64.7700, 39.0604, -21.7233

Deuteranomaly

71.6660, 26.7867, -4.9691

Tritanomaly

74.5160, 7.6336, 24.9805

Monochromacy



Original Color

73.7120, 27.2570, 30.9476

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.7100, 10.0030, 11.6553

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7120, 27.2570, 30.9476 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(109, 45, 129)` looks like.

```
.text, #text, p{  
    color:rgb(109, 45, 129)  
}
```

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(109, 45, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 45, 129) }
```

Border

The CSS property to change the border of an element to YUV 73.7120, 27.2570, 30.9476 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(109, 45, 129) }
```


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

```
.border{ border-color:rgb(109, 45, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 45, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 45, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 45, 129);  
box-shadow:4px 4px 4px 4px rgb(109, 45,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 73.7120, 27.2570, 30.9476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 45, 129) }
```

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

```
.background{ background-color: rgb(109, 45,  
129) }
```

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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