

Converting Colors

YUV(65.7270, 27.7426, 15.1484)

Have a look what the booklet for
YUV(65.7270, 27.7426, 15.1484)
contains.

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Color

**YUV(65.7270, 27.7426,
15.1484)**

Conversions

Conversions Part 1

Format	Color
Hex	532E7A
RGB	83, 46, 122
RGB Percent	33%, 18%, 48%
CMY	0.6745, 0.8196, 0.5216
CMYK	0.32, 0.62, 0.00, 0.52
HSL	269°, 45%, 33%
HSV	269°, 62%, 48%
XYZ	8.0571, 5.1981, 18.9910
YIQ	65.7270, -2.3440, 31.4800

Conversions

Conversions Part 2

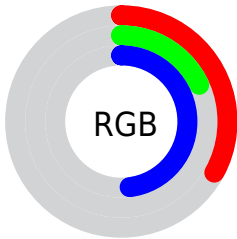
Format	Color
R _Y B	83, 46, 122
Decimal	5451386
CIE Lab	27.29, 33.04, -37.10
CIE LCh	27, 49.682, 311.684
Yxy	5.1981, 0.2499, 0.1612
Android (android.graphics.Color)	4283641466 (0xFF532E7A)
YUV	65.7270, 27.7426, 15.1484
Hunter-Lab	22.7994, 23.1815, -33.4267

Details

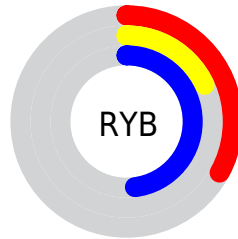
The YUV color **65.7270, 27.7426, 15.1484** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **102.2730, -27.7426, -15.1484**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.4930, 29.3370, 17.1076**, and **18.6620, 26.2956, 12.5744** is the 20% darker color. If you saturate the color by 10%, you get **56.8890, 32.0997, 17.6373**, and if you desaturate by 10%, it is **74.5650, 23.3855, 12.6595**.

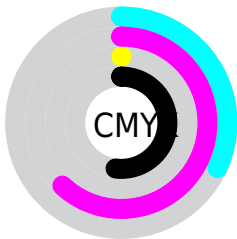
Distribution



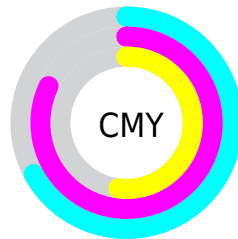
- Red (33%)
- Green (18%)
- Blue (48%)



- Red (33%)
- Yellow (18%)
- Blue (48%)



- Cyan (32%)
- Magenta (62%)
- Yellow (0%)
- Black (52%)



- Cyan (67%)
- Magenta (82%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.7270, 27.7426, 15.1484 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 65.7270, 27.7426, 15.1484 by changing the saturation by 10% instead.

65.7270, 27.7426,
15.1484

65.7270, 27.7426,
15.1484

255.0000, 0.0000,
0.0000

41.9010, 27.1638,
14.1188

115.4930, 29.3370,
17.1076

18.6620, 26.2956,
12.5744

141.4330, 30.3525,
18.0373

7.7930, 20.8081,
-0.6955

168.2590, 30.9313,
19.0669

3.6650, 11.5042,
-3.2142

195.2160, 29.4735,
19.9816

0.0000, 0.0000,
0.0000

220.3230, 17.0958,
23.3957

239.1510, 7.8136,

13.8996

■ 65.7270, 27.7426,
15.1484

■ 65.7270, 27.7426,
15.1484

■ 56.8890, 32.0997,
17.6373

■ 74.5650, 23.3855,
12.6595

■ 47.7520, 36.6043,
19.5115

■ 83.7020, 18.8809,
10.7853

■ 38.3270, 41.2508,
22.5152

■ 93.1270, 14.2344,
7.7816

■ 31.5490, 44.5923,
24.0745

■ 101.9650, 9.8773,
5.2927

■ 110.8030, 5.5201,
2.8038

■ 119.9400, 1.0156,
0.9296

■ 128.7780, -3.3416,
-1.5593

■ 138.2030, -7.9881,
-4.5630

■ 147.0410,
-12.3452, -7.0520

Harmonies

Analogous

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



53.5280, 42.6307, -46.9441



65.7270, 27.7426, 15.1484



58.0540, 15.2564, 53.4496

Triad

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



65.7270, 27.7426, 15.1484



61.2990, -30.2204, 33.0638



56.5530, 11.0664, -49.5970

Complementary

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



65.7270, 27.7426, 15.1484



102.2730, -27.7426, -15.1484

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.



50.8190, -5.8268, -44.5683



65.7270, 27.7426, 15.1484



59.9490, -29.5549, 6.1837

Square

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



65.7270, 27.7426, 15.1484



57.1460, -21.2710, 56.0000



49.4070, -24.3577, -27.5439



60.0700, 27.0805, -52.6814

Rectangle

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



65.7270, 27.7426, 15.1484



50.5630, 6.6244, 68.7892



49.4070, -24.3577, -27.5439



54.4840, 5.6774, -47.7825

Sweetspot

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



65.7270, 27.7426, 15.1484



135.9050, 10.8928, 6.2223



77.5570, 21.9104, -27.6755



65.7430, 6.5357, 3.7334



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



65.7270, 27.7426, 15.1484



70.4950, 43.1400, 23.2449



77.0890, 22.1411, 38.5099



56.5810, 2.1786, 1.2445



32.4890, 45.6079, 25.0041



65.5050, 91.9420, 50.4231

Inverse Universe

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



73.1700, 5.8322, 42.8239



82.1220, 8.8139, 66.5450



90.9110, -22.1411, -38.5099



57.1360, 0.4260, 3.3887



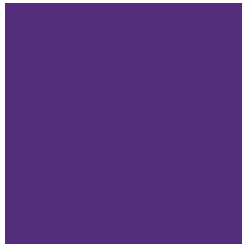
44.6710, 9.5292, 70.4485



90.1680, 19.6372, 141.9267

Previews

White Background



This preview shows how the YUV color 65.7270, 27.7426, 15.1484 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 65.7270, 27.7426, 15.1484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

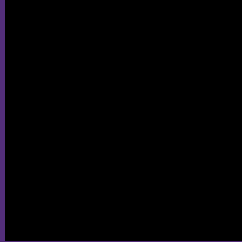
Any Text WCAG AA × Fail

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 65.7270, 27.7426, 15.1484 Background



This preview shows how black text looks on a background with the YUV color 65.7270, 27.7426, 15.1484.



This preview shows how white text looks on a background with the YUV color 65.7270, 27.7426,

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

65.7270, 27.7426, 15.1484

Protanopia

52.1430, 39.8625, -45.7294

Deuteranopia

52.0800, 32.0056, -45.6742



Tritanopia

65.8590, 0.5625, 6.2627

Trichromacy



Original Color

65.7270, 27.7426, 15.1484

Protanomaly

57.1350, 35.4294, -23.7974

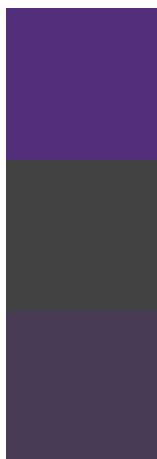
Deuteranomaly

57.1690, 30.4827, -23.8272

Tritanomaly

65.8130, 10.4452, 9.8110

Monochromacy



Original Color

65.7270, 27.7426, 15.1484

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9650, 9.8773, 5.2927

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.7270, 27.7426, 15.1484 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(83, 46, 122)` looks like.

```
.text, #text, p{  
    color:rgb(83, 46, 122)  
}
```

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(83, 46, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 46, 122) }
```

Border

The CSS property to change the border of an element to YUV 65.7270, 27.7426, 15.1484 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(83, 46, 122) }
```


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

```
.border{ border-color:rgb(83, 46, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 46, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 46, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 46, 122);  
box-shadow:4px 4px 4px 4px rgb(83, 46,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 65.7270, 27.7426, 15.1484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 46, 122) }
```

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

```
.background{ background-color: rgb(83, 46,  
122) }
```

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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