

Converting Colors

YUV(65.7270, 61.7596, 71.2764)

Have a look what the booklet for
YUV(65.7270, 61.7596, 71.2764)
contains.

YUV(65.7270, 61.7596, 71.2764)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(65.7270, 61.7596,
71.2764)**

Conversions

Conversions Part 1

Format	Color
Hex	9300BF
RGB	147, 0, 191
RGB Percent	58%, 0%, 75%
CMY	0.4235, 1.0000, 0.2510
CMYK	0.23, 1.00, 0.00, 0.25
HSL	286°, 100%, 37%
HSV	286°, 100%, 75%
XYZ	21.4366, 9.9646, 50.0837
YIQ	65.7270, 26.3010, 90.5650

Conversions

Conversions Part 2

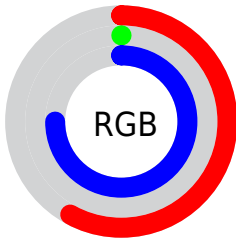
Format	Color
R_{YB}	147, 0, 191
Decimal	9633983
CIE _{Lab}	37.78, 72.55, -61.66
CIE _{LCh}	38, 95.213, 319.636
Yxy	9.9646, 0.2631, 0.1223
Android (android.graphics.Color)	4287824063 (0xFF9300BF)
YUV	65.7270, 61.7596, 71.2764
Hunter-Lab	31.5668, 65.9750, -71.9725

Details

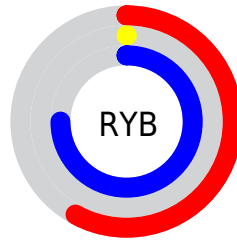
The YUV color **65.7270, 61.7596, 71.2764** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **125.2730, -61.7596, -71.2764**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4130, 54.5194, 60.1508**, and **42.1150, 46.2853, 41.1181** is the 20% darker color. If you saturate the color by 10%, you get **65.7270, 61.7596, 71.2764**, and if you desaturate by 10%, it is **78.0760, 55.6715, 63.9543**.

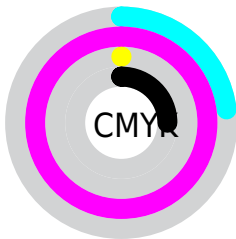
Distribution



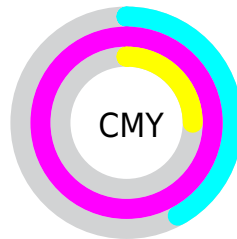
- Red (58%)
- Green (0%)
- Blue (75%)



- Red (58%)
- Yellow (0%)
- Blue (75%)



- Cyan (23%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (42%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.7270, 61.7596, 71.2764 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, 61.7596, 71.2764 by changing the saturation by 10% instead.

65.7270, 61.7596,
71.2764

65.7270, 61.7596,
71.2764

255.0000, 0.0000,
0.0000

53.8640, 53.8040,
56.2473

137.4130, 54.5194,
60.1508

42.1150, 46.2853,
41.1181

164.2040, 44.7624,
62.9651

30.4800, 39.2034,
25.8890

186.3210, 33.8587,
60.2315

19.2580, 32.4108,
11.1747

203.3440, 25.4664,
45.3023

6.8400, 26.2079,
-5.9987

220.3670, 17.0741,
30.3731

5.5060, 16.0195,
-4.8288

237.3900, 8.6817,

2.1830, 5.8258,

15.4440

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 65.7270, 61.7596,
71.2764

■ 78.0760, 55.6715,
63.9543

■ 90.7240, 49.4361,
57.2471

■ 103.0730, 43.3480,
49.9250

■ 115.7210, 37.1125,
43.2177

■ 128.6570, 30.7351,
35.3808

■ 141.0060, 24.6470,
28.0587

■ 153.6540, 18.4116,
21.3514

■ 166.0030, 12.3235,
14.0294

■ 178.6510, 6.0881,
7.3221

Harmonies

Analogous

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



75.9670, 80.3753, -66.6231



65.7270, 61.7596, 71.2764



74.5620, 21.9079, 113.5171

Triad

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



65.7270, 61.7596, 71.2764



84.3680, -41.5934, 40.8963



84.5250, 26.8562, -74.1284

Complementary

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



65.7270, 61.7596, 71.2764



125.2730, -61.7596, -71.2764

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.



74.1170, -7.9457, -65.0006



65.7270, 61.7596, 71.2764



76.3410, -37.6361, -15.2081

Square

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



65.7270, 61.7596, 71.2764



55.5920, -27.4069, 110.8598



64.5700, -31.8330, -56.6279



91.8040, 57.2846, -80.5121

Rectangle

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



65.7270, 61.7596, 71.2764



71.5530, -1.2586, 124.0490



64.5700, -31.8330, -56.6279



80.9740, 15.7888, -71.0142

Sweetspot

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



65.7270, 61.7596, 71.2764



198.4790, 23.9209, 27.6439



48.1890, 70.4058, -42.2618



95.5950, 14.4967, 17.0182



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.



65.7270, 61.7596, 71.2764



84.9680, 79.8818, 92.1131



73.0690, 32.9970, 103.4255



88.1190, 2.8993, 3.4036



54.4900, 51.0304, 59.2063



10.7100, 10.0030, 11.6553

Inverse Universe

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



62.1250, -8.9356, 113.0234



80.3510, -11.5120, 146.1512



117.9310, -32.9970, -103.4255



87.9190, -0.4531, 5.3330



51.3460, -7.5656, 93.5356



10.0670, -1.5120, 18.3582

Previews

White Background



This preview shows how the YUV color 65.7270, 61.7596, 71.2764 looks on a white background.

Color Contrast Check

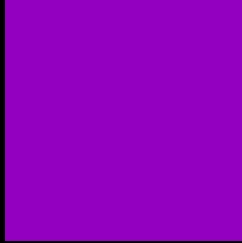
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.7596, 71.2764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

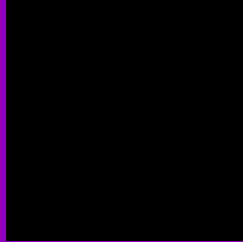
Any Text WCAG AA × Fail

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, 61.7596, 71.2764 Background



This preview shows how black text looks on a background with the YUV color 65.7270, 61.7596, 71.2764.



This preview shows how white text looks on a background with the YUV color 65.7270, 61.7596,

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



Protanopia

72.8600, 55.7780, -63.8982

Deuteranopia

73.0590, 43.8479, -64.0727

Tritanopia

92.0150, -5.9234, 33.3128

Trichromacy



Protanomaly

70.1510, 58.0996, -15.0414

Deuteranomaly

70.2020, 50.6794, -15.0862

Tritanomaly

82.5200, 18.4776, 46.9020

Monochromacy



Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.7130, 22.3265, 25.6847

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.7270, 61.7596, 71.2764 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(147, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(147, 0, 191)  
}
```

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(147, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 0, 191) }
```

Border

The CSS property to change the border of an element to YUV 65.7270, 61.7596, 71.2764 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(147, 0, 191) }
```

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

```
.border{ border-color:rgb(147, 0, 191) }
```

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

Here you see how a box with a 4 pixel rgb(147, 0, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(147, 0,  
191) }
```


Background

The CSS property to change the background color of an element to YUV 65.7270, 61.7596, 71.2764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 0, 191) }
```

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

```
.background{ background-color: rgb(147, 0,  
191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor