

Converting Colors

YUV(61.7420, 68.6542, 6.3653)

Have a look what the booklet for
YUV(61.7420, 68.6542, 6.3653)
contains.

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Color

**YUV(61.7420, 68.6542,
6.3653)**

Conversions

Conversions Part 1

Format	Color
Hex	451FC9
RGB	69, 31, 201
RGB Percent	27%, 12%, 79%
CMY	0.7294, 0.8784, 0.2118
CMYK	0.66, 0.85, 0.00, 0.21
HSL	253°, 73%, 45%
HSV	253°, 85%, 79%
XYZ	13.4868, 6.4622, 55.7948
YIQ	61.7420, -31.9220, 60.9260

Conversions

Conversions Part 2

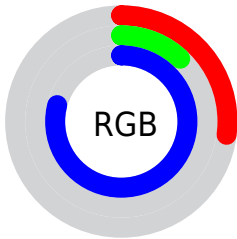
Format	Color
R _Y B	69, 31, 201
Decimal	4530121
CIE Lab	30.55, 60.15, -79.79
CIE LCh	31, 99.917, 307.010
Yxy	6.4622, 0.1781, 0.0853
Android (android.graphics.Color)	4282720201 (0xFF451FC9)
YUV	61.7420, 68.6542, 6.3653
Hunter-Lab	25.4209, 50.2150, -112.3374

Details

The YUV color **61.7420, 68.6542, 6.3653** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **170.2580, -68.6542, -6.3653**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.4440, 67.3221, 13.6426**, and **16.5300, 63.3357, -14.4968** is the 20% darker color. If you saturate the color by 10%, you get **45.2180, 76.8005, 6.8248**, and if you desaturate by 10%, it is **78.2660, 60.5079, 5.9057**.

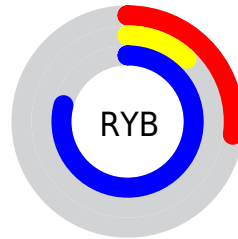
Distribution



Red (27%)

Green (12%)

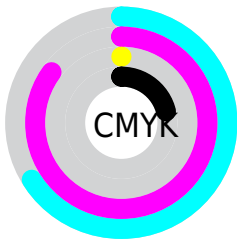
Blue (79%)



Red (27%)

Yellow (12%)

Blue (79%)

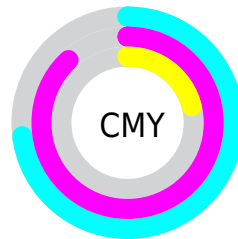


Cyan (66%)

Magenta (85%)

Yellow (0%)

Black (21%)



Cyan (73%)

Magenta (88%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.7420, 68.6542, 6.3653 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 61.7420, 68.6542, 6.3653 by changing the saturation by 10% instead.

■ 61.7420, 68.6542,
6.3653

■ 61.7420, 68.6542,
6.3653

■ 255.0000, 0.0000,
0.0000

■ 26.5990, 72.1757,
-3.1563

■ 118.4440, 67.3221,
13.6426

■ 16.5300, 63.3357,
-14.4968

■ 142.9750, 55.2283,
19.3159

■ 13.5660, 51.9790,
-11.8974

■ 167.5060, 43.1345,
24.9892

■ 10.6020, 40.6222,
-9.2980

■ 192.9120, 30.6094,
29.0182

■ 11.8610, 27.6765,
-10.4021

■ 218.0190, 18.2316,
32.4323


■ 6.8910, 18.7877,
-6.0434

■ 234.4550, 10.1287,


■ 3.2090, 9.7570,


18.0180


-2.8143


 251.4780, 1.7363,
3.0888


 0.0000, 0.0000,
0.0000


 61.7420, 68.6542,
6.3653


 61.7420, 68.6542,
6.3653


 45.2180, 76.8005,
6.8248


 78.2660, 60.5079,
5.9057

 36.3690, 81.1631,
7.5694

 94.4910, 52.5089,
4.8314

 111.0150, 44.3626,
4.3718

 127.2400, 36.3637,
3.2975

 144.3510, 27.9280,
2.3232

■ 160.8750, 19.7816,
1.8636

■ 177.1000, 11.7827,
0.7893

■ 193.6240, 3.6364,
0.3298

■ 209.8490, -4.3626,
-0.7446

Harmonies

Analogous

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



74.2230, 78.7701, -65.0936



61.7420, 68.6542, 6.3653



66.2200, 33.9085, 91.0151

Triad

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



61.7420, 68.6542, 6.3653



62.3720, -30.7494, 62.8178



66.4980, 11.0935, -58.3187

Complementary

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



61.7420, 68.6542, 6.3653



170.2580, -68.6542, -6.3653

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.



55.1780, -27.2028, -48.3911



61.7420, 68.6542, 6.3653



66.1400, -32.6070, 5.1392

Square

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



61.7420, 68.6542, 6.3653



53.2220, -26.2384, 109.4303



52.2430, -25.7558, -45.8171



77.1510, 44.2956, -67.6614

Rectangle

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



61.7420, 68.6542, 6.3653



66.9840, 8.3889, 109.6390



52.2430, -25.7558, -45.8171



63.4200, -0.7001, -55.6193

Sweetspot

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



61.7420, 68.6542, 6.3653



202.4820, 25.8914, 2.2083



128.4510, 35.7667, -85.4645



96.1370, 15.7085, 1.6339



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



61.7420, 68.6542, 6.3653



46.1130, 102.9813, 9.5479



86.8580, 56.2720, 58.0065



91.6240, 3.6364, 0.3298



29.3460, 65.8914, 5.8356



6.4960, 14.5455, 1.3190

Inverse Universe

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



96.8780, 32.5981, 91.3150



98.8170, 48.8972, 136.9725



145.1420, -56.2720, -58.0065



93.4890, 1.7309, 4.8331



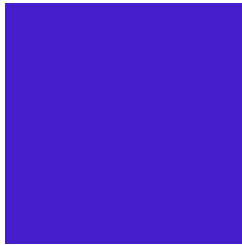
63.2150, 31.4460, 87.5114



13.9560, 6.9237, 19.3326

Previews

White Background



This preview shows how the YUV color 61.7420, 68.6542, 6.3653 looks on a white background.

Color Contrast Check

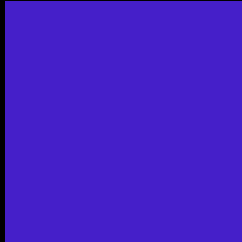
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.7420, 68.6542, 6.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

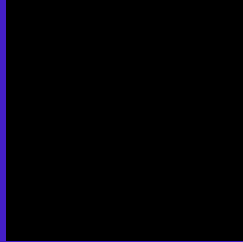
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.7420, 68.6542, 6.3653

Background



This preview shows how black text looks on a background with the YUV color 61.7420, 68.6542, 6.3653.



This preview shows how white text looks on a background with the YUV color 61.7420, 68.6542,

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

61.7420, 68.6542, 6.3653

Protanopia

57.7340, 43.5151, -50.6327

Deuteranopia

57.6880, 33.1848, -50.5924



Tritanopia

56.7640, 14.4133, -49.7820

Trichromacy



Original Color

61.7420, 68.6542, 6.3653

Protanomaly

59.2710, 52.6174, -30.0557

Deuteranomaly

58.9630, 46.3602, -29.7856

Tritanomaly

58.4610, 34.2827, -29.3453

Monochromacy



Original Color

61.7420, 68.6542, 6.3653

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2540, 25.0178, 2.4082

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.7420, 68.6542, 6.3653 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(69, 31, 201)` looks like.

```
.text, #text, p{  
    color:rgb(69, 31, 201)  
}
```

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(69, 31, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 31, 201) }
```

Border

The CSS property to change the border of an element to YUV 61.7420, 68.6542, 6.3653 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(69, 31, 201) }
```


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

```
.border{ border-color:rgb(69, 31, 201) }
```

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

Here you see how a box with a 4 pixel rgb(69, 31, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 31, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 31, 201);  
box-shadow:4px 4px 4px 4px rgb(69, 31,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 61.7420, 68.6542, 6.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 31, 201) }
```

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

```
.background{ background-color: rgb(69, 31,  
201) }
```

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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