

Converting Colors

YUV(56.9180, 61.6654, 7.9649)

Have a look what the booklet for
YUV(56.9180, 61.6654, 7.9649)
contains.

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Color

**YUV(56.9180, 61.6654,
7.9649)**

Conversions

Conversions Part 1

Format	Color
Hex	421CB6
RGB	66, 28, 182
RGB Percent	26%, 11%, 71%
CMY	0.7412, 0.8902, 0.2863
CMYK	0.64, 0.85, 0.00, 0.29
HSL	255°, 73%, 41%
HSV	255°, 85%, 71%
XYZ	11.1055, 5.3662, 44.7064
YIQ	56.9180, -26.7860, 55.9500

Conversions

Conversions Part 2

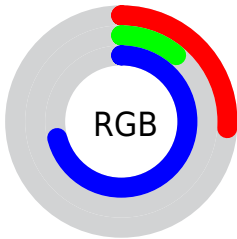
Format	Color
R _Y B	66, 28, 182
Decimal	4332726
CIE Lab	27.75, 55.85, -73.21
CIE LCh	28, 92.082, 307.336
Yxy	5.3662, 0.1815, 0.0877
Android (android.graphics.Color)	4282522806 (0xFF421CB6)
YUV	56.9180, 61.6654, 7.9649
Hunter-Lab	23.1650, 45.0360, -98.2092

Details

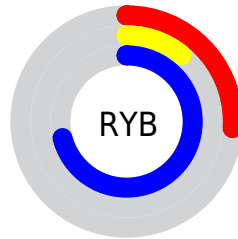
The YUV color **56.9180, 61.6654, 7.9649** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **153.0820, -61.6654, -7.9649**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.7770, 62.2279, 14.2276**, and **14.4780, 55.4733, -12.6972** is the 20% darker color. If you saturate the color by 10%, you get **42.1660, 68.9382, 8.6244**, and if you desaturate by 10%, it is **71.6700, 54.3927, 7.3054**.

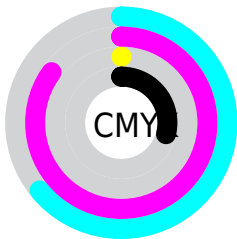
Distribution



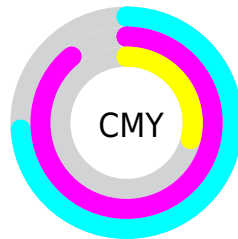
- Red (26%)
- Green (11%)
- Blue (71%)



- Red (26%)
- Yellow (11%)
- Blue (71%)



- Cyan (64%)
- Magenta (85%)
- Yellow (0%)
- Black (29%)



- Cyan (74%)
- Magenta (89%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.9180, 61.6654, 7.9649 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 56.9180, 61.6654, 7.9649 by changing the saturation by 10% instead.

■ 56.9180, 61.6654,
7.9649

■ 56.9180, 61.6654,
7.9649

■ 255.0000, 0.0000,
0.0000

■ 24.7320, 63.7291,
-0.6420

■ 112.7770, 62.2279,
14.2276

■ 14.4780, 55.4733,
-12.6972

■ 138.8330, 57.2703,
17.6865

■ 11.6280, 44.5534,
-10.1978

■ 163.0650, 45.3240,
22.7450

■ 12.7730, 31.1709,
-11.2019

■ 187.8840, 33.0882,
27.2887

■ 8.9770, 21.7033,
-7.8728

■ 213.2900, 20.5630,
31.3177

■ 4.5940, 12.5252,
-4.0289

■ 231.5200, 11.5756,


■ 0.1140, 0.4368,


20.5920


-0.1000


 248.5430, 3.1833,
5.6628


 0.0000, 0.0000,
0.0000


 56.9180, 61.6654,
7.9649


 56.9180, 61.6654,
7.9649


 42.1660, 68.9382,
8.6244

 71.6700, 54.3927,
7.3054

 34.2030, 72.8639,
9.4690

 86.1230, 47.2674,
6.0311

 101.4620, 39.7052,
4.8568

 116.2140, 32.4325,
4.1973

 130.9660, 25.1598,
3.5378

■ 145.4190, 18.0344,
2.2635

■ 160.1710, 10.7617,
1.6040

■ 175.5100, 3.1996,
0.4297

■ 189.9630, -3.9258,
-0.8446

Harmonies

Analogous

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



67.6060, 71.1862, -59.2905



56.9180, 61.6654, 7.9649



60.2530, 30.4413, 83.0931

Triad

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



56.9180, 61.6654, 7.9649



57.6100, -28.4017, 56.4700



61.0040, 10.3510, -53.5005

Complementary

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



56.9180, 61.6654, 7.9649



153.0820, -61.6654, -7.9649

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.



50.4820, -24.8876, -44.2727



56.9180, 61.6654, 7.9649



60.2370, -29.6968, 5.0542

Square

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



56.9180, 61.6654, 7.9649



48.4380, -23.8799, 99.5939



48.1340, -23.7301, -42.2135



70.1580, 40.3481, -61.5286

Rectangle

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



56.9180, 61.6654, 7.9649



60.8750, 6.9636, 100.0876



48.1340, -23.7301, -42.2135



57.5670, -0.2795, -50.4863

Sweetspot

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



56.9180, 61.6654, 7.9649



188.9120, 23.7074, 2.7082



114.8220, 33.1188, -76.1429



90.7950, 14.3981, 1.9338



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



56.9180, 61.6654, 7.9649



44.6590, 94.8241, 12.5771



79.3430, 50.6099, 54.0732



84.6240, 3.6364, 0.3298



29.1460, 62.5390, 7.7650



5.2850, 11.1985, 1.5041

Inverse Universe

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



87.2700, 27.9679, 83.0782



91.2690, 43.2514, 127.8061



130.6570, -50.6099, -54.0732



86.4890, 1.7309, 4.8331



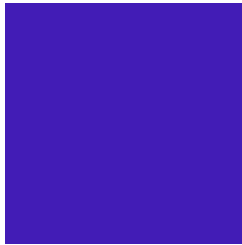
59.9820, 28.1099, 84.2078



10.7660, 5.0454, 15.1142

Previews

White Background



This preview shows how the YUV color 56.9180, 61.6654, 7.9649 looks on a white background.

Color Contrast Check

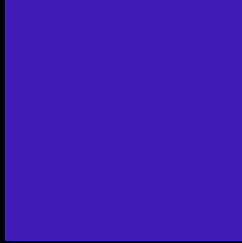
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.9180, 61.6654, 7.9649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

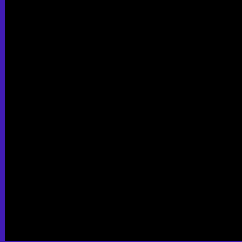
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.9180, 61.6654, 7.9649

Background



This preview shows how black text looks on a background with the YUV color 56.9180, 61.6654, 7.9649.



This preview shows how white text looks on a background with the YUV color 56.9180, 61.6654,

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

56.9180, 61.6654, 7.9649

Protanopia

52.8440, 40.0099, -46.3442

Tritanopia

51.8570, 13.3815, -45.4786

Trichromacy



Original Color

56.9180, 61.6654, 7.9649

Protanomaly

54.3270, 47.6598, -26.5968

Tritanomaly

53.8590, 30.6355, -26.1863

Monochromacy



Original Color

56.9180, 61.6654, 7.9649

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.5700, 22.3970, 3.0081

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.9180, 61.6654, 7.9649 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(66, 28, 182)` looks like.

```
.text, #text, p{  
    color:rgb(66, 28, 182)  
}
```

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(66, 28, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 28, 182) }
```

Border

The CSS property to change the border of an element to YUV 56.9180, 61.6654, 7.9649 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(66, 28, 182) }
```

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

```
.border{ border-color:rgb(66, 28, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 28, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 28, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 28, 182);  
box-shadow:4px 4px 4px 4px rgb(66, 28,  
182) }
```


Background

The CSS property to change the background color of an element to YUV 56.9180, 61.6654, 7.9649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 28, 182) }
```

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

```
.background{ background-color: rgb(66, 28,  
182) }
```

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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