

Converting Colors

YUV(56.4210, 89.0254, 5.7698)

Have a look what the booklet for
YUV(56.4210, 89.0254, 5.7698)
contains.

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Color

**YUV(56.4210, 89.0254,
5.7698)**

Conversions

Conversions Part 1

Format	Color
Hex	3F12ED
RGB	63, 18, 237
RGB Percent	25%, 7%, 93%
CMY	0.7529, 0.9294, 0.0706
CMYK	0.73, 0.92, 0.00, 0.07
HSL	252°, 86%, 50%
HSV	252°, 92%, 93%
XYZ	17.5523, 7.6038, 80.6633
YIQ	56.4210, -43.4790, 77.6490

Conversions

Conversions Part 2

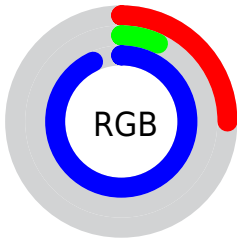
Format	Color
R _{YB}	63, 18, 237
Decimal	4133613
CIE Lab	33.14, 72.90, -96.24
CIE LCh	33, 120.734, 307.146
Yxy	7.6038, 0.1659, 0.0719
Android (android.graphics.Color)	4282323693 (0xFF3F12ED)
YUV	56.4210, 89.0254, 5.7698
Hunter-Lab	27.5750, 65.3641, -154.1347

Details

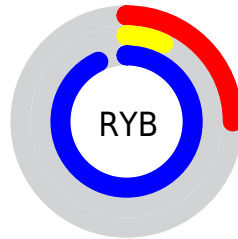
The YUV color **56.4210, 89.0254, 5.7698** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **198.5790, -89.0254, -5.7698**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.7050, 68.1794, 18.6757**, and **20.4060, 78.1868, -17.8961** is the 20% darker color. If you saturate the color by 10%, you get **41.6690, 96.2982, 6.4293**, and if you desaturate by 10%, it is **76.1900, 79.2793, 5.0954**.

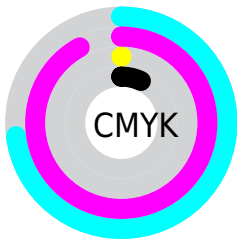
Distribution



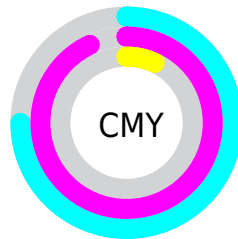
- Red (25%)
- Green (7%)
- Blue (93%)



- Red (25%)
- Yellow (7%)
- Blue (93%)



- Cyan (73%)
- Magenta (92%)
- Yellow (0%)
- Black (7%)



- Cyan (75%)
- Magenta (93%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.4210, 89.0254, 5.7698 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 56.4210, 89.0254, 5.7698 by changing the saturation by 10% instead.

■ 56.4210, 89.0254,
5.7698

■ 56.4210, 89.0254,
5.7698

255.0000, 0.0000,
0.0000

■ 23.7120, 90.8540,
-20.7954

■ 116.7050, 68.1794,
18.6757

■ 20.4060, 78.1868,
-17.8961

■ 142.4210, 55.5014,
25.0638

■ 17.2140, 65.9565,
-15.0967

■ 167.8380, 42.9709,
30.8371

■ 14.1360, 54.1630,
-12.3973

■ 193.8420, 30.1509,
36.0956

■ 19.9770, 38.4653,
-17.5198

■ 216.2580, 19.0998,
33.9767

■ 13.6050, 29.2817,
-11.9316

■ 233.2810, 10.7075,

■ 8.0480, 20.6823,

19.0476

-7.0581

250.3040, 2.3151,
4.1184

3.7790, 11.9410,
-3.3142

0.0000, 0.0000,
0.0000

56.4210, 89.0254,
5.7698

56.4210, 89.0254,
5.7698

41.6690, 96.2982,
6.4293

76.1900, 79.2793,
5.0954

95.3720, 69.8226,
4.9358

114.8420, 60.2239,
3.6466

134.6110, 50.4778,
2.9722

■ 153.7930, 41.0211,
2.8125

■ 173.5620, 31.2749,
2.1381

■ 193.3310, 21.5288,
1.4637

■ 213.1000, 11.7827,
0.7893

■ 231.9830, 2.4734,
0.0149

Harmonies

Analogous

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



82.4870, 85.0489, -72.3411



56.4210, 89.0254, 5.7698



76.5730, 38.6645, 105.6145

Triad

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



56.4210, 89.0254, 5.7698



64.5200, -31.8084, 75.8430



73.6220, 13.0044, -64.5665

Complementary

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



56.4210, 89.0254, 5.7698



198.5790, -89.0254, -5.7698

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.



60.4610, -29.8073, -53.0243



56.4210, 89.0254, 5.7698



71.1460, -35.0750, 3.3800

Square

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



56.4210, 89.0254, 5.7698



60.9960, -30.0710, 125.4145



57.5260, -28.3603, -50.4503



86.2130, 53.6320, -75.6088

Rectangle

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



56.4210, 89.0254, 5.7698



77.1650, 7.3137, 127.8973



57.5260, -28.3603, -50.4503



69.1590, -1.5574, -60.6524

Sweetspot

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



56.4210, 89.0254, 5.7698



196.2800, 28.9490, 1.5084



145.6910, 45.0153, -111.9850



91.7070, 17.8924, 1.1340



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.



56.4210, 89.0254, 5.7698



44.6180, 103.7183, 6.4740



88.7130, 73.1055, 72.1657



107.8520, 4.5100, 0.1298



31.6970, 73.6064, 4.6507



9.4450, 21.9656, 1.3637

Inverse Universe

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



103.3170, 43.7207, 117.2400



99.3870, 51.0812, 136.4726



166.2870, -73.1055, -72.1657



110.3150, 2.3097, 5.8627



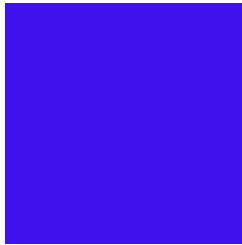
70.5350, 36.2182, 96.8778



21.0480, 10.8223, 28.8989

Previews

White Background



This preview shows how the YUV color 56.4210, 89.0254, 5.7698 looks on a white background.

Color Contrast Check

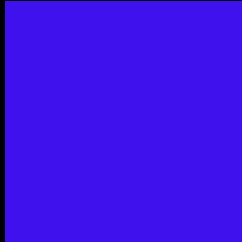
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.4210, 89.0254, 5.7698 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 56.4210, 89.0254, 5.7698

Background



This preview shows how black text looks on a background with the YUV color 56.4210, 89.0254, 5.7698.



This preview shows how white text looks on a background with the YUV color 56.4210, 89.0254,

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

56.4210, 89.0254, 5.7698

Protanopia

62.0370, 47.3098, -54.4064

Deuteranopia

62.2360, 35.3797, -54.5810



Tritanopia

61.4430, 14.5716, -53.8855

Trichromacy



Original Color

56.4210, 89.0254, 5.7698

Protanomaly

59.8930, 62.6638, -32.3552

Deuteranomaly

59.8300, 54.8068, -32.2999

Tritanomaly

59.6870, 41.5663, -32.1745

Monochromacy



Original Color

56.4210, 89.0254, 5.7698

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.2030, 32.4379, 2.4530

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.4210, 89.0254, 5.7698 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(63, 18, 237)` looks like.

```
.text, #text, p{  
    color:rgb(63, 18, 237)  
}
```

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(63, 18, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 18, 237) }
```

Border

The CSS property to change the border of an element to YUV 56.4210, 89.0254, 5.7698 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(63, 18, 237) }
```


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

```
.border{ border-color:rgb(63, 18, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 18, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 18, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 18, 237);  
box-shadow:4px 4px 4px 4px rgb(63, 18,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 56.4210, 89.0254, 5.7698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 18, 237) }
```

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

```
.background{ background-color: rgb(63, 18,  
237) }
```

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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