

Converting Colors

YUV(42.2520, 8.2568, 58.5380)

Have a look what the booklet for
YUV(42.2520, 8.2568, 58.5380)
contains.

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Color

**YUV(42.2520, 8.2568,
58.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	6D053B
RGB	109, 5, 59
RGB Percent	43%, 2%, 23%
CMY	0.5725, 0.9804, 0.7686
CMYK	0.00, 0.95, 0.46, 0.57
HSL	329°, 91%, 22%
HSV	329°, 95%, 43%
XYZ	7.1504, 3.6755, 4.4703
YIQ	42.2520, 44.6500, 38.8420

Conversions

Conversions Part 2

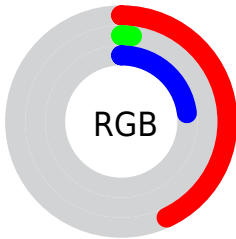
Format	Color
R _Y B	109, 5, 59
Decimal	7144763
CIE Lab	22.57, 44.83, -2.50
CIE LCh	23, 44.900, 356.810
Yxy	3.6755, 0.4675, 0.2403
Android (android.graphics.Color)	4285334843 (0xFF6D053B)
YUV	42.2520, 8.2568, 58.5380
Hunter-Lab	19.1716, 33.0240, -0.4045

Details

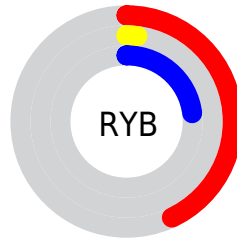
The YUV color **42.2520, 8.2568, 58.5380** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **71.7480, -8.2568, -58.5380**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.1610, 2.8786, 56.8638**, and **18.8670, -1.4134, 33.4426** is the 20% darker color. If you saturate the color by 10%, you get **39.0890, 8.8301, 61.3119**, and if you desaturate by 10%, it is **49.2790, 7.2575, 52.3753**.

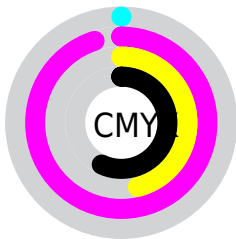
Distribution



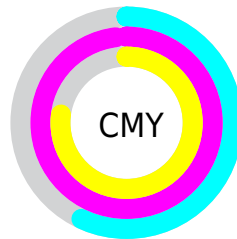
- Red (43%)
- Green (2%)
- Blue (23%)



- Red (43%)
- Yellow (2%)
- Blue (23%)



- Cyan (0%)
- Magenta (95%)
- Yellow (46%)
- Black (57%)



- Cyan (57%)
- Magenta (98%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.2520, 8.2568, 58.5380 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 42.2520, 8.2568, 58.5380 by changing the saturation by 10% instead.

42.2520, 8.2568,
58.5380

42.2520, 8.2568,
58.5380

255.0000, 0.0000,
0.0000

28.7360, 4.0742,
46.7125

100.1610, 2.8786,
56.8638

18.8670, -1.4134,
33.4426

126.6450, 2.1470,
58.1933

7.8880, -3.3958,
15.8842

153.5420, 1.7048,
60.0377


0.0000, 0.0000,
0.0000


181.4390, 1.2626,
61.8820

201.9640, 4.9477,
46.5126


221.5920, 9.0751,

29.2988

 240.3250, 7.2348,
12.8700

 42.2520, 8.2568,
58.5380


 42.2520, 8.2568,
58.5380

 39.0890, 8.8301,
61.3119

 49.2790, 7.2575,
52.3753

 56.3060, 6.2581,
46.2126

 63.4470, 5.6956,
39.9500

 70.4740, 4.6963,
33.7873

 76.9140, 3.9864,
28.1394

■ 83.9410, 2.9871,
21.9767

■ 91.0820, 2.4246,
15.7141

■ 98.1090, 1.4253,
9.5514

■ 105.1360, 0.4260,
3.3887

Harmonies

Analogous

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



52.8340, 18.8158, 31.7176



42.2520, 8.2568, 58.5380



44.3600, -9.0515, 56.6893

Triad

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



42.2520, 8.2568, 58.5380



47.4680, -23.4017, -7.4264



51.2820, 28.9480, -44.9743

Complementary

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



42.2520, 8.2568, 58.5380



71.7480, -8.2568, -58.5380

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.



49.3780, 16.5756, -43.3045



42.2520, 8.2568, 58.5380



40.2240, -13.4214, -35.2764

Square

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



42.2520, 8.2568, 58.5380



50.8670, -25.0774, 16.7796



45.5020, 1.7245, -39.9053



48.4270, 35.7785, -42.4705

Rectangle

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



42.2520, 8.2568, 58.5380



47.9230, -23.1330, 46.5485



45.5020, 1.7245, -39.9053



50.9570, 25.1642, -44.6893

Sweetspot

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



42.2520, 8.2568, 58.5380



116.0660, 3.4185, 23.6211



31.5070, 38.2040, 19.7264



54.9570, 1.9932, 14.0697



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



42.2520, 8.2568, 58.5380



51.1930, 11.2439, 80.5147



36.4380, -14.0199, 63.6369



50.1360, 0.4260, 3.3887



41.9370, 9.3981, 65.8303



87.7330, 19.3586, 137.9232

Inverse Universe

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



42.2520, 8.2568, 58.5380



51.1930, 11.2439, 80.5147



77.5620, 14.0199, -63.6369



50.1360, 0.4260, 3.3887



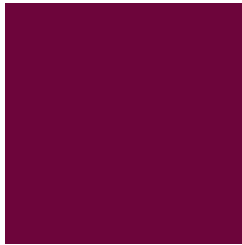
41.9370, 9.3981, 65.8303



87.7330, 19.3586, 137.9232

Previews

White Background



This preview shows how the YUV color 42.2520, 8.2568, 58.5380 looks on a white background.

Color Contrast Check

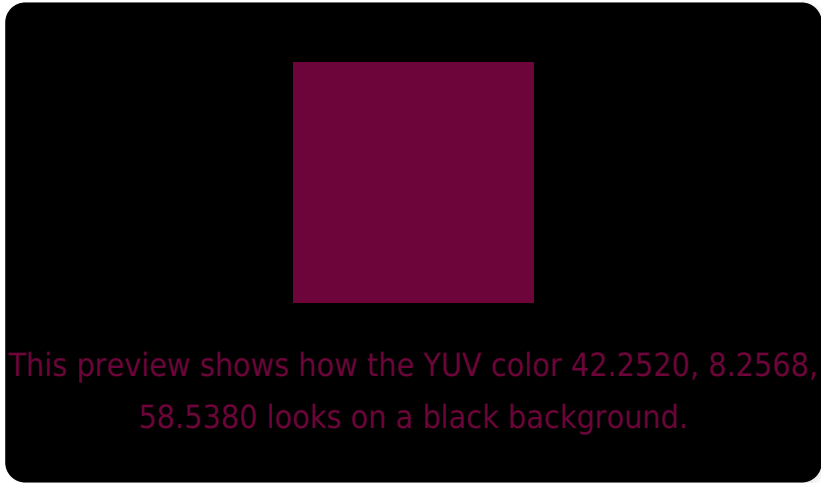
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 42.2520, 8.2568, 58.5380

Background



This preview shows how black text looks on a background with the YUV color 42.2520, 8.2568, 58.5380.



This preview shows how white text looks on a background with the YUV color 42.2520, 8.2568,

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

42.2520, 8.2568, 58.5380

Protanopia

56.6150, 13.9938, -8.4324

Deuteranopia

57.5770, -1.7635, 5.6330



Tritanopia

48.8170, -12.2348, 51.0265

Trichromacy



Original Color

42.2520, 8.2568, 58.5380

Protanomaly

51.3130, 12.1707, 16.3885

Deuteranomaly

52.0230, 1.9607, 24.5358

Tritanomaly

46.4890, -4.6781, 53.9451

Monochromacy



Original Color

42.2520, 8.2568, 58.5380

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.2290, 2.8451, 20.8472

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.2520, 8.2568, 58.5380 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(109, 5, 59)` looks like.

```
.text, #text, p{  
    color:rgb(109, 5, 59)  
}
```

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(109, 5, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 5, 59) }
```

Border

The CSS property to change the border of an element to YUV 42.2520, 8.2568, 58.5380 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(109, 5, 59) }
```


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

```
.border{ border-color:rgb(109, 5, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 5, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 5, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 5, 59);  
box-shadow:4px 4px 4px 4px rgb(109, 5, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.2520, 8.2568, 58.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 5, 59) }
```

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

```
.background{ background-color: rgb(109, 5,  
59) }
```

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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