

Converting Colors

YUV(59.2220, 43.7676, 8.5753)

Have a look what the booklet for
YUV(59.2220, 43.7676, 8.5753)
contains.

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Color

**YUV(59.2220, 43.7676,
8.5753)**

Conversions

Conversions Part 1

Format	Color
Hex	452594
RGB	69, 37, 148
RGB Percent	27%, 15%, 58%
CMY	0.7294, 0.8549, 0.4196
CMYK	0.53, 0.75, 0.00, 0.42
HSL	257°, 60%, 36%
HSV	257°, 75%, 58%
XYZ	8.4611, 4.7265, 28.4833
YIQ	59.2220, -16.5590, 41.3050

Conversions

Conversions Part 2

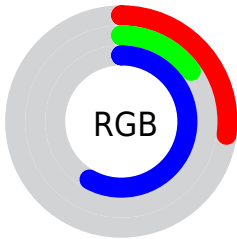
Format	Color
R _{YB}	69, 37, 148
Decimal	4531604
CIE _{Lab}	25.94, 42.47, -55.60
CIE _{LCh}	26, 69.967, 307.378
Yxy	4.7265, 0.2030, 0.1134
Android (android.graphics.Color)	4282721684 (0xFF452594)
YUV	59.2220, 43.7676, 8.5753
Hunter-Lab	21.7404, 31.4242, -62.4608

Details

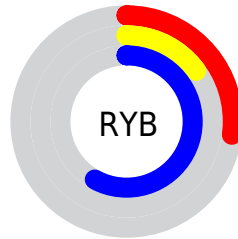
The YUV color **59.2220, 43.7676, 8.5753** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **125.7780, -43.7676, -8.5753**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.4120, 45.6459, 12.7937**, and **10.9440, 41.9326, -9.5979** is the 20% darker color. If you saturate the color by 10%, you get **47.1280, 49.7299, 9.5347**, and if you desaturate by 10%, it is **71.3160, 37.8052, 7.6159**.

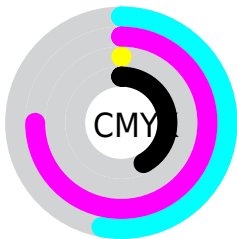
Distribution



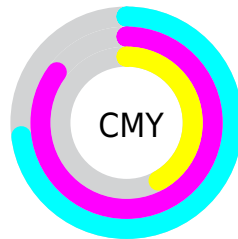
- Red (27%)
- Green (15%)
- Blue (58%)



- Red (27%)
- Yellow (15%)
- Blue (58%)



- Cyan (53%)
- Magenta (75%)
- Yellow (0%)
- Black (42%)



- Cyan (73%)
- Magenta (85%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.2220, 43.7676, 8.5753 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 59.2220, 43.7676, 8.5753 by changing the saturation by 10% instead.

■ 59.2220, 43.7676,
8.5753

■ 59.2220, 43.7676,
8.5753

255.0000, 0.0000,
0.0000

■ 32.6130, 44.0678,
5.6014

■ 110.4120, 45.6459,
12.7937

■ 10.9440, 41.9326,
-9.5979

■ 136.7650, 46.9509,
14.2381

■ 8.2080, 31.4495,
-7.1984

■ 163.3200, 45.1982,
16.3824

■ 7.8200, 19.8087,
-6.8581

■ 187.8400, 33.1099,
20.3113

■ 3.5510, 11.0674,
-3.1142

■ 212.9470, 20.7321,
23.7255

■ 0.0000, 0.0000,
0.0000

■ 233.8680, 10.4181,

18.5328

250.8910, 2.0257,
3.6036

59.2220, 43.7676,
8.5753

59.2220, 43.7676,
8.5753

47.1280, 49.7299,
9.5347

71.3160, 37.8052,
7.6159

35.3330, 55.5448,
11.1090

83.1110, 31.9903,
6.0417

29.7290, 58.3076,
11.6387

94.6180, 26.3173,
5.5970

106.4130, 20.5024,
4.0228

118.5070, 14.5400,
3.0634

■ 130.3020, 8.7251,
1.4891

■ 142.3960, 2.7628,
0.5297

■ 153.6040, -2.7628,
-0.5297

■ 165.6980, -8.7251,
-1.4891

Harmonies

Analogous

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



58.1220, 55.1559, -50.9730



59.2220, 43.7676, 8.5753



50.7260, 26.2641, 69.5233

Triad

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



59.2220, 43.7676, 8.5753



56.0600, -27.6376, 44.6744



55.9830, 8.8824, -49.0971

Complementary

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



59.2220, 43.7676, 8.5753



125.7780, -43.7676, -8.5753

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.



47.9690, -16.7467, -42.0688



59.2220, 43.7676, 8.5753



57.0030, -28.1025, 7.0134

Square

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



59.2220, 43.7676, 8.5753



40.9630, -20.1948, 84.2244



43.4380, -21.4149, -38.0951



61.9110, 31.5959, -54.2959

Rectangle

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



59.2220, 43.7676, 8.5753



51.5200, 8.6176, 82.8590



43.4380, -21.4149, -38.0951



53.2300, 0.8726, -46.6827

Sweetspot

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



59.2220, 43.7676, 8.5753



155.9030, 17.3028, 3.5931



96.6140, 25.3333, -52.2815



75.4700, 10.6143, 2.2188



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



59.2220, 43.7676, 8.5753



53.5580, 67.7589, 13.5426



75.6670, 35.6602, 42.3880



68.3960, 2.7628, 0.5297



27.6920, 54.3818, 10.7941



2.0370, 3.9258, 0.8446

Inverse Universe

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



79.1950, 18.1449, 60.3420



84.4500, 28.3721, 93.4444



109.3330, -35.6602, -42.3880



69.6630, 1.1521, 3.8035



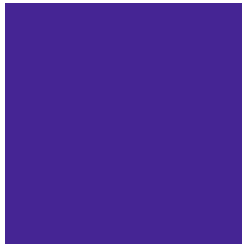
52.4340, 22.4640, 75.0414



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 59.2220, 43.7676, 8.5753 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 59.2220, 43.7676, 8.5753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

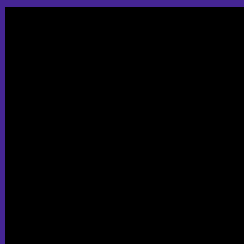
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.2220, 43.7676, 8.5753

Background



This preview shows how black text looks on a background with the YUV color 59.2220, 43.7676, 8.5753.



This preview shows how white text looks on a background with the YUV color 59.2220, 43.7676, 8.5753.

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

59.2220, 43.7676, 8.5753

Protanopia

49.5840, 37.6731, -43.4852

Deuteranopia

49.8800, 28.6532, -43.7448



Tritanopia

59.4050, 5.7163, -13.5102

Trichromacy



Original Color

59.2220, 43.7676, 8.5753

Protanomaly

53.2750, 39.7974, -24.7972

Deuteranomaly

53.1950, 34.4139, -24.7270

Tritanomaly

59.4180, 19.5139, -5.6286

Monochromacy



Original Color

59.2220, 43.7676, 8.5753

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.1480, 15.7030, 3.3782

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.2220, 43.7676, 8.5753 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, 37, 148)` looks like.

```
.text, #text, p{  
    color:rgb(69, 37, 148)  
}
```

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, 37, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 37, 148) }
```

Border

The CSS property to change the border of an element to YUV 59.2220, 43.7676, 8.5753 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, 37, 148) }
```


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

```
.border{ border-color:rgb(69, 37, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 37, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 37, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 37, 148);  
box-shadow:4px 4px 4px 4px rgb(69, 37,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 59.2220, 43.7676, 8.5753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 37, 148) }
```

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

```
.background{ background-color: rgb(69, 37,  
148) }
```

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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