

Converting Colors

YUV(53.8930, 5.9688, 45.6978)

Have a look what the booklet for
YUV(53.8930, 5.9688, 45.6978)
contains.

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Color

**YUV(53.8930, 5.9688,
45.6978)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 6A1942 |
| RGB | 106, 25, 66 |
| RGB Percent | 42%, 10%, 26% |
| CMY | 0.5843, 0.9020, 0.7412 |
| CMYK | 0.00, 0.76, 0.38, 0.58 |
| HSL | 330°, 62%, 26% |
| HSV | 330°, 76%, 42% |
| XYZ | 7.2749, 4.1528, 5.5724 |
| YIQ | 53.8930, 35.1150, 29.9230 |

Conversions

Conversions Part 2

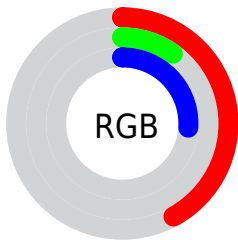
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 106, 25, 66 |
| Decimal | 6953282 |
| CIE _{Lab} | 24.17, 39.14, -5.00 |
| CIE _{LCh} | 24, 39.461, 352.727 |
| Yxy | 4.1528, 0.4279, 0.2443 |
| Android (android.graphics.Color) | 4285143362 (0xFF6A1942) |
| YUV | 53.8930, 5.9688, 45.6978 |
| Hunter-Lab | 20.3784, 28.0604, -1.9478 |

Details

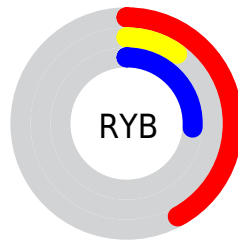
The YUV color **53.8930, 5.9688, 45.6978** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **77.1070, -5.9688, -45.6978**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.4480, 4.2161, 47.8421**, and **19.1810, 2.3758, 31.4133** is the 20% darker color. If you saturate the color by 10%, you get **46.8660, 6.9681, 51.8605**, and if you desaturate by 10%, it is **60.9200, 4.9694, 39.5352**.

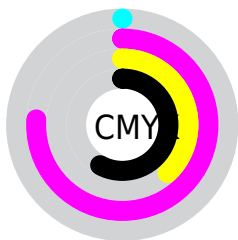
Distribution



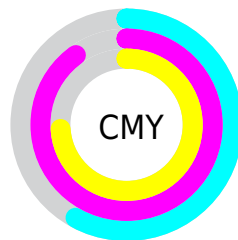
- Red (42%)
- Green (10%)
- Blue (26%)



- Red (42%)
- Yellow (10%)
- Blue (26%)



- Cyan (0%)
- Magenta (76%)
- Yellow (38%)
- Black (58%)



- Cyan (58%)
- Magenta (90%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.8930, 5.9688, 45.6978 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 53.8930, 5.9688, 45.6978 by changing the saturation by 10% instead.

■ 53.8930, 5.9688,
45.6978

■ 53.8930, 5.9688,
45.6978

■ 255.0000, 0.0000,
0.0000

■ 28.9360, 7.4266,
44.7831

■ 105.4480, 4.2161,
47.8421

■ 19.1810, 2.3758,
31.4133

■ 132.2310, 3.3371,
49.7864

■ 8.1870, -3.5432,
16.4990

■ 158.9430, 3.4791,
50.9160

■ 0.0000, 0.0000,
0.0000

■ 186.8400, 3.0369,
52.7603

■ 208.2730, 6.2744,
40.9796

■ 228.4880, 10.1124,

23.2510

245.6080, 4.6303,
8.2368

53.8930, 5.9688,
45.6978

53.8930, 5.9688,
45.6978

46.8660, 6.9681,
51.8605

60.9200, 4.9694,
39.5352

40.4260, 7.6780,
57.5084

67.3600, 4.2595,
33.8873

37.8500, 7.9619,
59.7676

74.5010, 3.6970,
27.6246

80.9410, 2.9871,
21.9767

87.9680, 1.9878,
15.8141

■ 94.9950, 0.9885,
9.6514

■ 101.5490, 0.7153,
3.9035

■ 108.5760, -0.2840,
-2.2592

■ 115.0160, -0.9939,
-7.9070

Harmonies

Analogous

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



58.7360, 17.3852, 23.9105



53.8930, 5.9688, 45.6978



52.6580, -7.7194, 49.4119

Triad

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



53.8930, 5.9688, 45.6978



51.9310, -25.6020, -1.6935



52.3590, 25.4590, -45.9188

Complementary

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



53.8930, 5.9688, 45.6978



77.1070, -5.9688, -45.6978

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.



50.7970, 14.3971, -44.5490



53.8930, 5.9688, 45.6978



41.9680, -11.8162, -36.8059

Square

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



53.8930, 5.9688, 45.6978



54.7210, -26.9775, 19.5387



46.6760, 1.1457, -40.9349



50.3190, 32.8737, -44.1298

Rectangle

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



53.8930, 5.9688, 45.6978



53.9810, -17.7386, 42.9897



46.6760, 1.1457, -40.9349



52.1480, 22.1120, -45.7338

Sweetspot

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



53.8930, 5.9688, 45.6978



117.3920, 2.2717, 18.0732



45.8950, 29.6318, 15.8781



56.7070, 1.1304, 10.7810



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



53.8930, 5.9688, 45.6978



56.2690, 9.2344, 71.6781



49.3330, -11.5032, 49.6970



50.1360, 0.4260, 3.3887



41.7090, 8.5245, 66.0302



87.3910, 18.0482, 138.2231

Inverse Universe

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



53.8930, 5.9688, 45.6978



56.2690, 9.2344, 71.6781



81.6670, 11.5032, -49.6970



50.1360, 0.4260, 3.3887



41.7090, 8.5245, 66.0302



87.3910, 18.0482, 138.2231

Previews

White Background



This preview shows how the YUV color 53.8930, 5.9688, 45.6978 looks on a white background.

Color Contrast Check

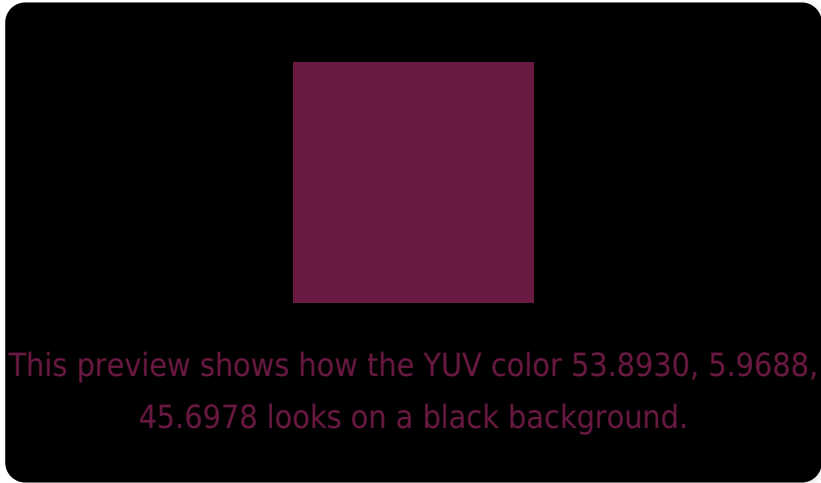
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.8930, 5.9688, 45.6978

Background



This preview shows how black text looks on a background with the YUV color 53.8930, 5.9688, 45.6978.



This preview shows how white text looks on a background with the YUV color 53.8930, 5.9688,

45.6978.

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

53.8930, 5.9688, 45.6978

Protanopia

58.7290, 14.4306, -8.5323

Deuteranopia

59.6630, 1.1521, 3.8035



Tritanopia

55.1580, -9.4449, 42.8344

Trichromacy



Original Color

53.8930, 5.9688, 45.6978

Protanomaly

57.0520, 11.3134, 11.3554

Deuteranomaly

57.2180, 2.8505, 19.1028

Tritanomaly

54.9500, -3.9194, 43.8939

Monochromacy



Original Color

53.8930, 5.9688, 45.6978

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.6800, 2.1298, 16.9436

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.8930, 5.9688, 45.6978 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(106, 25, 66)` looks like.

```
.text, #text, p{  
    color:rgb(106, 25, 66)  
}
```

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(106, 25, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 25, 66) }
```

Border

The CSS property to change the border of an element to YUV 53.8930, 5.9688, 45.6978 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(106, 25, 66) }
```


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

```
.border{ border-color:rgb(106, 25, 66) }
```

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

Here you see how a box with a 4 pixel rgb(106, 25, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 25, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 25, 66);  
box-shadow:4px 4px 4px 4px rgb(106, 25,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 53.8930, 5.9688, 45.6978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 25, 66) }
```

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

```
.background{ background-color: rgb(106, 25,  
66) }
```

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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