

Converting Colors

YUV(69.5840, 54.9281, 22.2898)

Have a look what the booklet for
YUV(69.5840, 54.9281, 22.2898)
contains.

YUV(69.5840, 54.9281, 22.2898)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(69.5840, 54.9281,
22.2898)**

Conversions

Conversions Part 1

Format	Color
Hex	5F23B5
RGB	95, 35, 181
RGB Percent	37%, 14%, 71%
CMY	0.6275, 0.8627, 0.2902
CMYK	0.48, 0.81, 0.00, 0.29
HSL	265°, 68%, 42%
HSV	265°, 81%, 71%
XYZ	13.6608, 6.9712, 44.3416
YIQ	69.5840, -11.1060, 58.1260

Conversions

Conversions Part 2

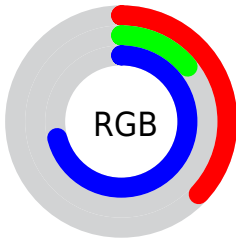
Format	Color
R_{YB}	95, 35, 181
Decimal	6235061
CIE _{Lab}	31.74, 56.13, -65.93
CIE _{LCh}	32, 86.588, 310.407
Yxy	6.9712, 0.2103, 0.1073
Android (android.graphics.Color)	4284425141 (0xFF5F23B5)
YUV	69.5840, 54.9281, 22.2898
Hunter-Lab	26.4029, 46.1504, -81.0907

Details

The YUV color **69.5840, 54.9281, 22.2898** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **146.4160, -54.9281, -22.2898**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5350, 55.9382, 24.9638**, and **23.4480, 51.0511, 5.7461** is the 20% darker color. If you saturate the color by 10%, you get **55.7290, 61.7586, 24.7937**, and if you desaturate by 10%, it is **83.4390, 48.0976, 19.7860**.

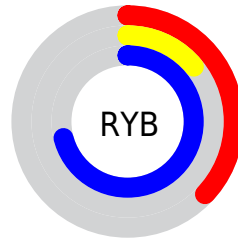
Distribution



Red (37%)

Green (14%)

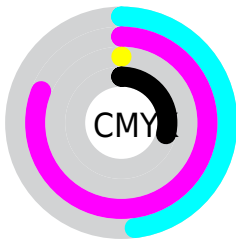
Blue (71%)



Red (37%)

Yellow (14%)

Blue (71%)

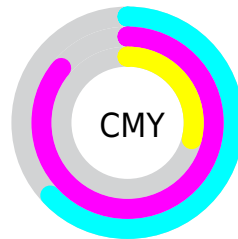


Cyan (48%)

Magenta (81%)

Yellow (0%)

Black (29%)



Cyan (63%)

Magenta (86%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.5840, 54.9281, 22.2898 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 69.5840, 54.9281, 22.2898 by changing the saturation by 10% instead.

69.5840, 54.9281,
22.2898

69.5840, 54.9281,
22.2898

255.0000, 0.0000,
0.0000

36.9910, 57.6854,
24.5639

124.5350, 55.9382,
24.9638

23.4480, 51.0511,
5.7461

150.4060, 51.5648,
27.7079

11.5140, 44.1166,
-10.0978

175.2250, 39.3291,
32.2517

8.6640, 33.1966,
-7.5983

200.0440, 27.0933,
36.7954

8.2760, 21.5559,
-7.2581

220.3670, 17.0741,
30.3731

4.5940, 12.5252,
-4.0289

237.3900, 8.6817,

0.0000, 0.0000,

15.4440

0.0000

254.4130, 0.2894,
0.5148

■ 69.5840, 54.9281,
22.2898

■ 69.5840, 54.9281,
22.2898

■ 55.7290, 61.7586,
24.7937

■ 83.4390, 48.0976,
19.7860

■ 42.7600, 68.1523,
27.3975

■ 96.9950, 41.4145,
16.6674

■ 110.8500, 34.5840,
14.1636

■ 124.7050, 27.7534,
11.6597

■ 138.8480, 20.7809,
8.0263

■ 152.7030, 13.9504,
5.5225

■ 166.5580, 7.1199,
3.0186

■ 180.1140, 0.4368,
-0.1000

■ 193.9690, -6.3937,
-2.6038

Harmonies

Analogous

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



70.6550, 70.1761, -61.9644



69.5840, 54.9281, 22.2898



63.5420, 28.8198, 89.8557

Triad

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



69.5840, 54.9281, 22.2898



69.0840, -34.0584, 50.7923



68.6980, 14.4459, -60.2481

Complementary

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



69.5840, 54.9281, 22.2898



146.4160, -54.9281, -22.2898

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.



58.9740, -17.7352, -51.7202



69.5840, 54.9281, 22.2898



68.1890, -33.6172, 2.4652

Square

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



69.5840, 54.9281, 22.2898



49.9330, -24.6170, 102.6678



54.0040, -26.6240, -47.3615



76.6950, 42.5484, -67.2615

Rectangle

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



69.5840, 54.9281, 22.2898



63.4950, 6.6580, 104.8059



54.0040, -26.6240, -47.3615



65.9620, 3.9627, -57.8487

Sweetspot

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



69.5840, 54.9281, 22.2898



191.3750, 21.5071, 8.4411



103.3000, 38.3061, -59.8991



91.0620, 12.7874, 5.2076



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



69.5840, 54.9281, 22.2898



61.0980, 85.7337, 34.9941



90.8130, 44.4622, 65.9390



82.2220, 3.3416, 1.5593



36.2790, 57.5435, 23.4343



5.9540, 9.8827, 3.5483

Inverse Universe

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



88.4580, 16.0432, 81.1593



90.4480, 24.9221, 126.7721



125.1870, -44.4622, -65.9390



83.3750, 1.2941, 4.9331



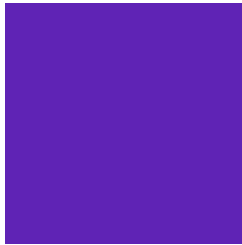
56.0070, 16.7585, 85.0629



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 69.5840, 54.9281, 22.2898 looks on a white background.

Color Contrast Check

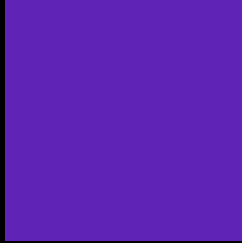
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.5840, 54.9281, 22.2898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

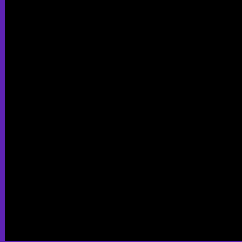
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.5840, 54.9281, 22.2898

Background



This preview shows how black text looks on a background with the YUV color 69.5840, 54.9281, 22.2898.



This preview shows how white text looks on a background with the YUV color 69.5840, 54.9281,

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

69.5840, 54.9281, 22.2898

Protanopia

60.2930, 45.7046, -52.8770

Deuteranopia

60.1330, 34.9374, -52.7366



Tritanopia

74.5910, 3.6526, -4.9033

Trichromacy



Original Color

69.5840, 54.9281, 22.2898

Protanomaly

63.6800, 48.9648, -25.1524

Deuteranomaly

63.8450, 41.9814, -25.2971

Tritanomaly

72.5810, 22.3916, 4.7525

Monochromacy



Original Color

69.5840, 54.9281, 22.2898

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.6200, 19.9073, 8.2263

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5840, 54.9281, 22.2898 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(95, 35, 181)` looks like.

```
.text, #text, p{  
    color:rgb(95, 35, 181)  
}
```

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(95, 35, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 35, 181) }
```

Border

The CSS property to change the border of an element to YUV 69.5840, 54.9281, 22.2898 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(95, 35, 181) }
```


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

```
.border{ border-color:rgb(95, 35, 181) }
```

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

Here you see how a box with a 4 pixel rgb(95, 35, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 35, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 35, 181);  
box-shadow:4px 4px 4px 4px rgb(95, 35,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 69.5840, 54.9281, 22.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 35, 181) }
```

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

```
.background{ background-color: rgb(95, 35,  
181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor