

Converting Colors

YUV(54.2890, 22.0425, 23.4255)

Have a look what the booklet for
YUV(54.2890, 22.0425, 23.4255)
contains.

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Color

**YUV(54.2890, 22.0425,
23.4255)**

Conversions

Conversions Part 1

Format	Color
Hex	512063
RGB	81, 32, 99
RGB Percent	32%, 13%, 39%
CMY	0.6824, 0.8745, 0.6118
CMYK	0.18, 0.68, 0.00, 0.61
HSL	284°, 51%, 26%
HSV	284°, 68%, 39%
XYZ	6.1620, 3.6832, 12.1905
YIQ	54.2890, 7.6970, 31.2250

Conversions

Conversions Part 2

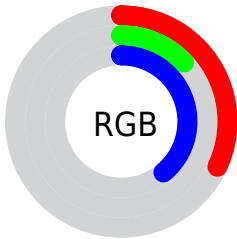
Format	Color
RYB	81, 32, 99
Decimal	5316707
CIELab	22.60, 34.50, -29.85
CIELCh	23, 45.624, 319.135
Yxy	3.6832, 0.2796, 0.1671
Android (android.graphics.Color)	4283506787 (0xFF512063)
YUV	54.2890, 22.0425, 23.4255
Hunter-Lab	19.1917, 23.7266, -24.2268

Details

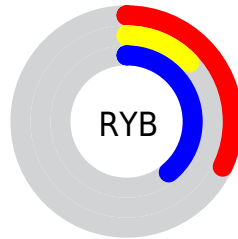
The YUV color **54.2890, 22.0425, 23.4255** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **76.7110, -22.0425, -23.4255**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.8270, 22.7633, 25.5847**, and **16.3930, 17.5543, 16.3183** is the 20% darker color. If you saturate the color by 10%, you get **47.5220, 25.3787, 26.7292**, and if you desaturate by 10%, it is **61.0560, 18.7064, 20.1219**.

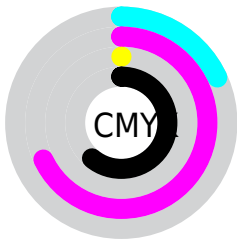
Distribution



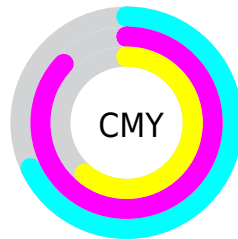
- Red (32%)
- Green (13%)
- Blue (39%)



- Red (32%)
- Yellow (13%)
- Blue (39%)



- Cyan (18%)
- Magenta (68%)
- Yellow (0%)
- Black (61%)



- Cyan (68%)
- Magenta (87%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.2890, 22.0425, 23.4255 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 54.2890, 22.0425, 23.4255 by changing the saturation by 10% instead.

■ 54.2890, 22.0425,
23.4255

■ 54.2890, 22.0425,
23.4255

■ 255.0000, 0.0000,
0.0000

■ 29.4030, 22.4793,
23.3256

■ 103.8270, 22.7633,
25.5847

■ 16.3930, 17.5543,
16.3183

■ 129.3540, 23.4895,
25.9995

■ 3.4200, 13.1039,
-2.9993

■ 156.1800, 24.0683,
27.0291

■ 0.0000, 0.0000,
0.0000

■ 183.0060, 24.6470,
28.0587

■ 210.0340, 22.1682,
29.7882

■ 229.7590, 12.4438,

22.1364

246.7820, 4.0515,
7.2072

54.2890, 22.0425,
23.4255

54.2890, 22.0425,
23.4255

47.5220, 25.3787,
26.7292

61.0560, 18.7064,
20.1219

41.0540, 28.5674,
30.6476

67.5240, 15.5177,
16.2035

34.2870, 31.9035,
33.9513

74.2910, 12.1815,
12.8998

32.8140, 32.6297,
34.3661

81.0580, 8.8454,
9.5961

87.5260, 5.6567,
5.6777

■ 93.7060, 2.6099,
2.8888

■ 100.4730, -0.7262,
-0.4148

■ 106.9410, -3.9149,
-4.3333

■ 113.7080, -7.2510,
-7.6369

Harmonies

Analogous

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



44.4000, 36.7778, -36.3078



54.2890, 22.0425, 23.4255



43.8540, 11.9040, 55.3790

Triad

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



54.2890, 22.0425, 23.4255



51.4980, -25.3885, 23.2423



48.4660, 13.0813, -42.5047

Complementary

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



54.2890, 22.0425, 23.4255



76.7110, -22.0425, -23.4255

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.



43.8890, -1.9173, -38.4907



54.2890, 22.0425, 23.4255



48.6860, -24.0022, -1.4786

Square

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



54.2890, 22.0425, 23.4255



48.0970, -23.7118, 45.5189



38.2690, -18.3736, -33.5619



51.2990, 26.4746, -44.9892

Rectangle

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



54.2890, 22.0425, 23.4255



39.7920, 2.5675, 63.3264



38.2690, -18.3736, -33.5619



47.2120, 8.2765, -41.4049

Sweetspot

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



54.2890, 22.0425, 23.4255



110.6450, 8.5560, 9.0813



50.7910, 23.7670, -16.4797



53.4120, 5.2199, 5.7777



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



54.2890, 22.0425, 23.4255



58.5800, 34.2241, 36.3253



57.9610, 12.8372, 35.9912



45.3530, 1.3050, 1.4444



37.2860, 36.8340, 39.2142



79.6850, 79.0353, 83.5913

Inverse Universe

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



54.0850, -2.0139, 39.3905



58.2880, -3.1000, 61.1374



73.0390, -12.8372, -35.9912



45.3100, -0.1528, 2.3591



36.9080, -3.4056, 65.8557



79.0560, -7.4226, 141.1479

Previews

White Background



This preview shows how the YUV color 54.2890, 22.0425, 23.4255 looks on a white background.

Color Contrast Check

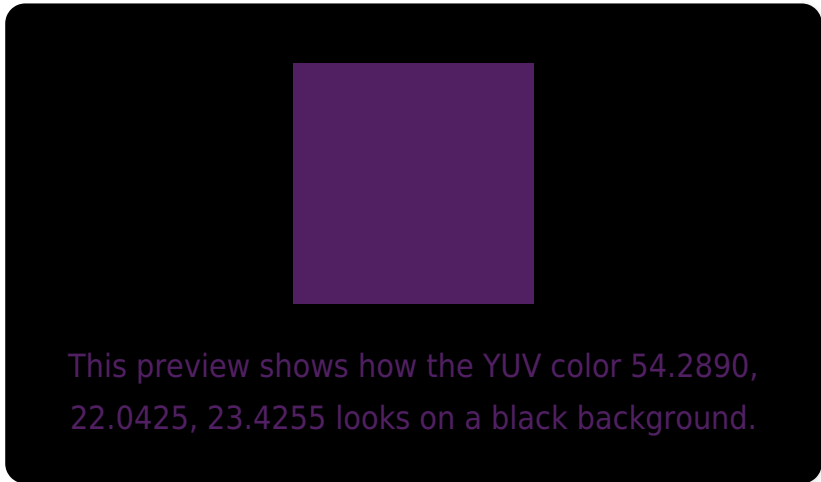
Large Text (above 18pt) WCAG AA ✓ Pass

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

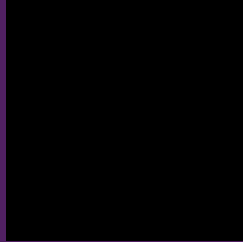
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.2890, 22.0425, 23.4255

Background



This preview shows how black text looks on a background with the YUV color 54.2890, 22.0425, 23.4255.



This preview shows how white text looks on a background with the YUV color 54.2890, 22.0425,

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

54.2890, 22.0425, 23.4255

Protanopia

43.8790, 33.5837, -38.4819

Deuteranopia

50.8780, 21.7521, -23.5720



Tritanopia

55.5290, -2.2328, 16.1991

Trichromacy



Original Color

54.2890, 22.0425, 23.4255

Protanomaly

47.2840, 29.4400, -16.0351

Deuteranomaly

51.9880, 21.6979, -6.1285

Tritanomaly

55.4290, 6.1975, 18.9178

Monochromacy



Original Color

54.2890, 22.0425, 23.4255

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.1180, 7.8298, 8.6665

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.2890, 22.0425, 23.4255 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(81, 32, 99)` looks like.

```
.text, #text, p{  
    color:rgb(81, 32, 99)  
}
```

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(81, 32, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 32, 99) }
```

Border

The CSS property to change the border of an element to YUV 54.2890, 22.0425, 23.4255 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(81, 32, 99) }
```


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

```
.border{ border-color:rgb(81, 32, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 32, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 32, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 32, 99);  
box-shadow:4px 4px 4px 4px rgb(81, 32, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.2890, 22.0425, 23.4255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 32, 99) }
```

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

```
.background{ background-color: rgb(81, 32,  
99) }
```

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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