

Converting Colors

YUV(69.5850, 43.0956, -9.2830)

Have a look what the booklet for
YUV(69.5850, 43.0956, -9.2830)
contains.

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Color

**YUV(69.5850, 43.0956,
-9.2830)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3A9D
RGB	59, 58, 157
RGB Percent	23%, 23%, 62%
CMY	0.7686, 0.7725, 0.3843
CMYK	0.62, 0.63, 0.00, 0.38
HSL	241°, 46%, 42%
HSV	241°, 63%, 62%
XYZ	9.4025, 6.3902, 32.6362
YIQ	69.5850, -31.1830, 31.0010

Conversions

Conversions Part 2

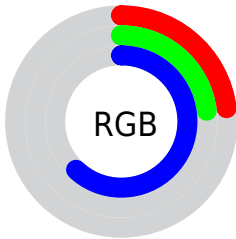
Format	Color
R_{YB}	59, 58, 157
Decimal	3881629
CIE _{Lab}	30.38, 31.35, -53.89
CIE _{LCh}	30, 62.342, 300.186
Yxy	6.3902, 0.1942, 0.1320
Android (android.graphics.Color)	4282071709 (0xFF3B3A9D)
YUV	69.5850, 43.0956, -9.2830
Hunter-Lab	25.2789, 22.1549, -58.8507

Details

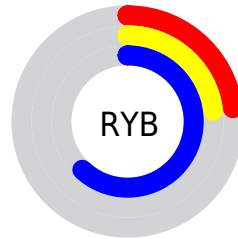
The YUV color **69.5850, 43.0956, -9.2830** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **145.4150, -43.0956, 9.2830**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.3730, 44.6791, -3.8351**, and **21.3620, 41.2335, -18.7345** is the 20% darker color. If you saturate the color by 10%, you get **55.4090, 50.0844, -10.8827**, and if you desaturate by 10%, it is **83.7610, 36.1068, -7.6834**.

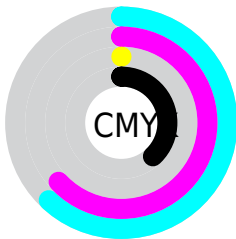
Distribution



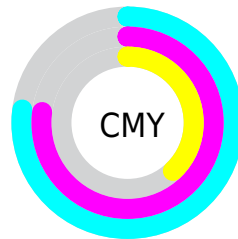
- Red (23%)
- Green (23%)
- Blue (62%)



- Red (23%)
- Yellow (23%)
- Blue (62%)



- Cyan (62%)
- Magenta (63%)
- Yellow (0%)
- Black (38%)



- Cyan (77%)
- Magenta (77%)
- Yellow (38%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.5850, 43.0956, -9.2830 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 69.5850, 43.0956, -9.2830 by changing the saturation by 10% instead.

■ 69.5850, 43.0956,
-9.2830

■ 69.5850, 43.0956,
-9.2830

■ 255.0000, 0.0000,
0.0000

■ 43.1280, 42.8279,
-16.7753

■ 121.3730, 44.6791,
-3.8351

■ 21.3620, 41.2335,
-18.7345

■ 147.7260, 45.9841,
-2.3907

■ 9.1200, 34.9438,
-7.9982

■ 172.9560, 40.4477,
0.0386

■ 9.3190, 23.0137,
-8.1728

■ 197.4760, 28.3593,
3.9675

■ 4.9360, 13.8356,
-4.3289

■ 222.8820, 15.8342,
7.9965

■ 0.7980, 3.0576,
-0.6998

■ 246.1950, 4.3409,

■ 0.0000, 0.0000,

7.7220

0.0000

■ 69.5850, 43.0956,
-9.2830

■ 69.5850, 43.0956,
-9.2830

■ 55.4090, 50.0844,
-10.8827

■ 83.7610, 36.1068,
-7.6834

■ 42.1190, 56.6363,
-12.3824

■ 97.0510, 29.5549,
-6.1837

■ 27.9430, 63.6251,
-13.9820

■ 111.2270, 22.5661,
-4.5841

■ 18.4960, 68.2825,
-14.4670

■ 125.1040, 15.7247,
-3.5992

■ 139.2800, 8.7360,
-1.9996

■ 152.5700, 2.1840,
-0.4999

■ 166.7460, -4.8048,
1.0998

■ 180.6230,
-11.6461, 2.0846

■ 194.2120,
-18.3455, 4.1991

Harmonies

Analogous

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



65.2800, 52.1200, -57.2506



69.5850, 43.0956, -9.2830



63.5070, 28.3440, 55.6834

Triad

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



69.5850, 43.0956, -9.2830



65.5510, -32.3166, 52.1368



61.5110, 4.6781, -53.9451

Complementary

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



69.5850, 43.0956, -9.2830



145.4150, -43.0956, 9.2830

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.



53.4800, -18.4776, -46.9020



69.5850, 43.0956, -9.2830



67.4020, -33.2292, 18.0644

Square

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



69.5850, 43.0956, -9.2830



47.2160, -10.4595, 88.3876



59.4960, -29.3315, -18.8520



67.0970, 26.0812, -58.8441

Rectangle

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



69.5850, 43.0956, -9.2830



54.2130, 17.6430, 81.3742



59.4960, -29.3315, -18.8520



58.8720, -2.8949, -51.6307

Sweetspot

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



69.5850, 43.0956, -9.2830



169.7450, 16.8877, -3.2844



127.3990, 14.5933, -60.8629



81.6220, 10.0464, -2.2995



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



69.5850, 43.0956, -9.2830



67.2680, 67.4089, -14.2670



84.2360, 35.8727, 20.8410



71.9120, 3.4944, -0.7998



16.6010, 62.3147, -13.6821



1.7100, 6.5520, -1.4997

Inverse Universe

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



98.7730, 28.2129, 51.0651



112.7870, 43.9820, 79.9938



131.0630, -36.0201, -20.2263



74.3040, 2.3151, 4.1184



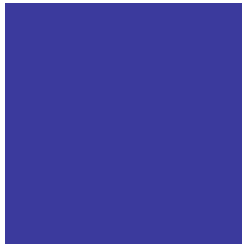
58.8310, 40.5093, 73.8162



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 69.5850, 43.0956, -9.2830 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 69.5850, 43.0956, -9.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

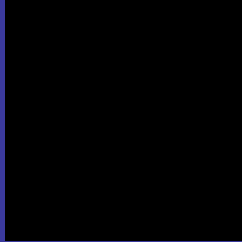
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.5850, 43.0956, -9.2830

Background



This preview shows how black text looks on a background with the YUV color 69.5850, 43.0956, -9.2830.



This preview shows how white text looks on a background with the YUV color 69.5850, 43.0956,

-9.2830.

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

69.5850, 43.0956, -9.2830

Protanopia

57.1470, 43.8045, -50.1179

Deuteranopia

57.2150, 33.9110, -50.1776



Tritanopia

61.4450, 11.6126, -38.1013

Trichromacy



Original Color

69.5850, 43.0956, -9.2830

Protanomaly

61.5340, 43.6137, -35.5483

Deuteranomaly

61.8130, 37.0672, -35.7930

Tritanomaly

64.1980, 23.0734, -27.3606

Monochromacy



Original Color

69.5850, 43.0956, -9.2830

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1040, 15.7247, -3.5992

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5850, 43.0956, -9.2830 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(59, 58, 157)` looks like.

```
.text, #text, p{  
    color:rgb(59, 58, 157)  
}
```

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(59, 58, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 58, 157) }
```

Border

The CSS property to change the border of an element to YUV 69.5850, 43.0956, -9.2830 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(59, 58, 157) }
```


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

```
.border{ border-color:rgb(59, 58, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 58, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 58, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 58, 157);  
box-shadow:4px 4px 4px 4px rgb(59, 58,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 69.5850, 43.0956, -9.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 58, 157) }
```

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

```
.background{ background-color: rgb(59, 58,  
157) }
```

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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