

Converting Colors

YUV(81.5410, 56.4283,
-39.0625)

Have a look what the booklet for
YUV(81.5410, 56.4283, -39.0625)
contains.

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Color

**YUV(81.5410, 56.4283,
-39.0625)**

Conversions

Conversions Part 1

Format	Color
Hex	2552C4
RGB	37, 82, 196
RGB Percent	15%, 32%, 77%
CMY	0.8549, 0.6784, 0.2314
CMYK	0.81, 0.58, 0.00, 0.23
HSL	223°, 68%, 46%
HSV	223°, 81%, 77%
XYZ	13.7440, 10.4134, 53.5102
YIQ	81.5410, -63.4140, 25.9140

Conversions

Conversions Part 2

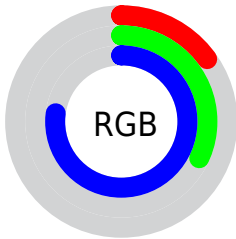
Format	Color
R _Y B	37, 72, 196
Decimal	2446020
CIE Lab	38.57, 27.20, -63.74
CIE LCh	39, 69.299, 293.114
Yxy	10.4134, 0.1770, 0.1341
Android (android.graphics.Color)	4280636100 (0xFF2552C4)
YUV	81.5410, 56.4283, -39.0625
Hunter-Lab	32.2698, 19.5527, -75.7264

Details

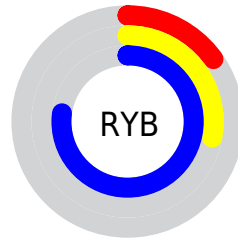
The YUV color **81.5410, 56.4283, -39.0625** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **151.4590, -56.4283, 39.0625**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.4440, 56.9691, -25.8224**, and **38.9670, 50.3023, -34.1741** is the 20% darker color. If you saturate the color by 10%, you get **67.3430, 63.4279, -44.1508**, and if you desaturate by 10%, it is **95.7390, 49.4287, -33.9741**.

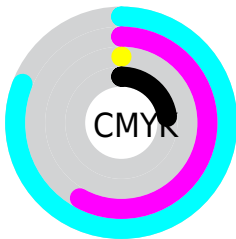
Distribution



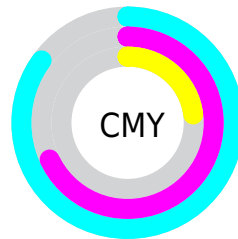
- Red (15%)
- Green (32%)
- Blue (77%)



- Red (15%)
- Yellow (28%)
- Blue (77%)



- Cyan (81%)
- Magenta (58%)
- Yellow (0%)
- Black (23%)



- Cyan (85%)
- Magenta (68%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.5410, 56.4283, -39.0625 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 81.5410, 56.4283, -39.0625 by changing the saturation by 10% instead.

■ 81.5410, 56.4283,
-39.0625

■ 81.5410, 56.4283,
-39.0625

■ 255.0000, 0.0000,
0.0000

■ 53.7850, 56.3080,
-47.1694

■ 138.4440, 56.9691,
-25.8224

■ 38.9670, 50.3023,
-34.1741

■ 163.0890, 45.3121,
-20.2491

■ 24.8500, 44.4440,
-21.7934

■ 187.9080, 33.0764,
-15.7053

■ 10.2600, 39.3118,
-8.9980

■ 212.7270, 20.8406,
-11.1616

■ 11.5190, 26.3661,
-10.1022

■ 238.1330, 8.3154,
-7.1326

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 81.5410, 56.4283,
-39.0625

■ 81.5410, 56.4283,
-39.0625

■ 67.3430, 63.4279,
-44.1508

■ 95.7390, 49.4287,
-33.9741

■ 54.6290, 69.6959,
-47.9096

■ 109.6380, 42.5765,
-29.5005

■ 123.8360, 35.5769,
-24.4122

■ 137.7350, 28.7246,
-19.9386

■ 151.9330, 21.7250,
-14.8502

■ 166.1310, 14.7254,
-9.7619

■ 180.0300, 7.8732,
-5.2883

■ 194.2280, 0.8736,
-0.2000

■ 208.1270, -5.9786,
4.2736

Harmonies

Analogous

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



83.1300, 59.5889, -72.9050



81.5410, 56.4283, -39.0625



88.4720, 34.7703, 47.8211

Triad

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



81.5410, 56.4283, -39.0625



81.0110, -39.9384, 70.1504



74.9950, 0.4955, -65.7706

Complementary

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



81.5410, 56.4283, -39.0625



151.4590, -56.4283, 39.0625

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.



64.7810, -28.4860, -56.8129



81.5410, 56.4283, -39.0625



85.7860, -42.2925, 31.7597

Square

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



81.5410, 56.4283, -39.0625



60.8300, -4.8462, 108.0201



80.2170, -39.5470, -8.9603



82.1940, 25.5404, -72.0841

Rectangle

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



81.5410, 56.4283, -39.0625



69.2000, 27.5094, 90.1556



80.2170, -39.5470, -8.9603



72.1280, -7.9511, -63.2563

Sweetspot

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



81.5410, 56.4283, -39.0625



210.9330, 21.7250, -14.8502



143.3290, 3.7818, -93.2505



101.0880, 13.2676, -8.8472



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



81.5410, 56.4283, -39.0625



77.2480, 87.6317, -60.7305



65.2920, 64.4390, 5.0059



89.9010, 3.4998, -2.5442



44.7690, 57.3019, -39.2624



9.0450, 11.8098, -7.9325

Inverse Universe

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



89.6710, -3.7818, 93.2505



89.8330, -5.8337, 144.8515



167.7080, -64.4390, -5.0059



90.3320, -0.1637, 5.8478



53.2690, -4.0766, 94.4801



10.8930, -0.9332, 19.3878

Previews

White Background



This preview shows how the YUV color 81.5410, 56.4283, -39.0625 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 × Fail

Black Background



This preview shows how the YUV color 81.5410, 56.4283, -39.0625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

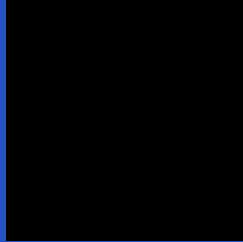
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.5410, 56.4283, -39.0625

Background



This preview shows how black text looks on a background with the YUV color 81.5410, 56.4283, -39.0625.



This preview shows how white text looks on a background with the YUV color 81.5410, 56.4283, -39.0625.

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

81.5410, 56.4283, -39.0625

Protanopia

72.1590, 55.6306, -63.2834

Deuteranopia

72.7170, 42.5375, -63.7728



Tritanopia

70.8980, 17.7983, -62.1775

Trichromacy



Original Color

81.5410, 56.4283, -39.0625

Protanomaly

75.3280, 56.0403, -54.6617

Deuteranomaly

75.7380, 47.4572, -55.0212

Tritanomaly

74.3240, 31.8853, -53.7811

Monochromacy



Original Color

81.5410, 56.4283, -39.0625

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8900, 20.2672, -13.9355

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.5410, 56.4283, -39.0625 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(37, 82, 196)` looks like.

```
.text, #text, p{  
    color:rgb(37, 82, 196)  
}
```

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(37, 82, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 82, 196) }
```

Border

The CSS property to change the border of an element to YUV 81.5410, 56.4283, -39.0625 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(37, 82, 196) }
```


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

```
.border{ border-color:rgb(37, 82, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 82, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 82, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 82, 196);  
box-shadow:4px 4px 4px 4px rgb(37, 82,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 81.5410, 56.4283, -39.0625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 82, 196) }
```

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

```
.background{ background-color: rgb(37, 82,  
196) }
```

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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