

Converting Colors

YUV(96.8820, 49.3582,
-11.2975)

Have a look what the booklet for
YUV(96.8820, 49.3582, -11.2975)
contains.

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Color

**YUV(96.8820, 49.3582,
-11.2975)**

Conversions

Conversions Part 1

Format	Color
Hex	5454C5
RGB	84, 84, 197
RGB Percent	33%, 33%, 77%
CMY	0.6706, 0.6706, 0.2275
CMYK	0.57, 0.57, 0.00, 0.23
HSL	240°, 49%, 55%
HSV	240°, 57%, 77%
XYZ	16.9045, 12.2567, 54.2981
YIQ	96.8820, -36.2730, 35.1430

Conversions

Conversions Part 2

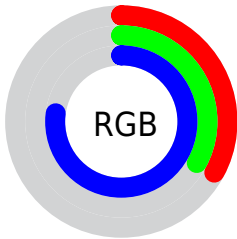
Format	Color
R _Y B	84, 84, 197
Decimal	5526725
CIE Lab	41.62, 32.82, -59.25
CIE LCh	42, 67.735, 298.980
Yxy	12.2567, 0.2025, 0.1469
Android (android.graphics.Color)	4283716805 (0xFF5454C5)
YUV	96.8820, 49.3582, -11.2975
Hunter-Lab	35.0095, 24.9229, -67.4493

Details

The YUV color **96.8820, 49.3582, -11.2975** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **184.1180, -49.3582, 11.2975**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3710, 51.0891, -6.4644**, and **39.3800, 50.5917, -33.6593** is the 20% darker color. If you saturate the color by 10%, you get **79.1620, 58.0941, -13.2971**, and if you desaturate by 10%, it is **114.6020, 40.6222, -9.2980**.

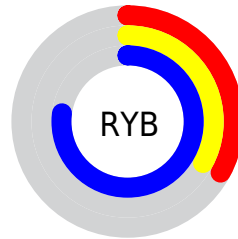
Distribution



Red (33%)

Green (33%)

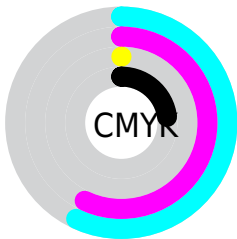
Blue (77%)



Red (33%)

Yellow (33%)

Blue (77%)

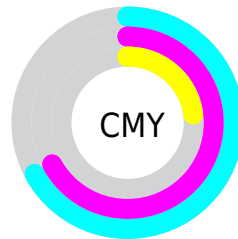


Cyan (57%)

Magenta (57%)

Yellow (0%)

Black (23%)



Cyan (67%)

Magenta (67%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.8820, 49.3582, -11.2975 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 96.8820, 49.3582, -11.2975 by changing the saturation by 10% instead.

■ 96.8820, 49.3582,
-11.2975

■ 96.8820, 49.3582,
-11.2975

■ 255.0000, 0.0000,
0.0000

■ 70.6210, 48.5008,
-16.3306

■ 150.3710, 51.0891,
-6.4644

■ 39.3800, 50.5917,
-33.6593

■ 174.4180, 39.7269,
-2.1206

■ 24.3770, 45.1701,
-21.3786

■ 198.9380, 27.6386,
1.8084

■ 10.3740, 39.7486,
-9.0980

■ 224.3440, 15.1134,
5.8373

■ 11.6330, 26.8029,
-10.2021

■ 247.9560, 3.4727,
6.1776

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 96.8820, 49.3582,
-11.2975

■ 96.8820, 49.3582,
-11.2975

■ 79.1620, 58.0941,
-13.2971

■ 114.6020, 40.6222,
-9.2980

■ 62.3280, 66.3933,
-15.1967

■ 131.4360, 32.3231,
-7.3984

■ 44.6080, 75.1293,
-17.1962

■ 149.1560, 23.5871,
-5.3988

■ 26.8880, 83.8652,
-19.1958

■ 166.8760, 14.8511,
-3.3993

■ 22.4580, 86.0492,
-19.6957

■ 184.5960, 6.1152,
-1.3997

■ 201.4300, -2.1840,
0.4999

■ 219.1500,
-10.9200, 2.4994

■ 236.8700,
-19.6559, 4.4990

■ 248.3880,
-25.3343, 5.7987

Harmonies

Analogous

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



86.2760, 61.4889, -75.6641



96.8820, 49.3582, -11.2975



95.3870, 30.3752, 57.5426

Triad

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



96.8820, 49.3582, -11.2975



90.4140, -44.5741, 63.6579



81.8570, 6.4795, -71.7886

Complementary

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



96.8820, 49.3582, -11.2975



184.1180, -49.3582, 11.2975

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.



73.2560, -18.8602, -64.2455



96.8820, 49.3582, -11.2975



92.2430, -45.4758, 26.0969

Square

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



96.8820, 49.3582, -11.2975



82.5280, -17.0223, 93.3759



84.3040, -41.5619, -16.0526



88.8280, 30.6508, -77.9022

Rectangle

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



96.8820, 49.3582, -11.2975



82.0230, 19.2157, 90.3108



84.3040, -41.5619, -16.0526



78.9900, -1.9671, -69.2742

Sweetspot

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



96.8820, 49.3582, -11.2975



216.9020, 18.7823, -4.2991



163.2130, 16.6570, -69.4698



104.9640, 11.3567, -2.5994



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.



96.8820, 49.3582, -11.2975



99.0640, 76.8764, -17.5961



113.9250, 40.9560, 23.7448



91.0260, 3.9312, -0.8998



18.5820, 71.1981, -16.2964



4.1040, 15.7247, -3.5992

Inverse Universe

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



130.6690, 32.7012, 58.1723



151.6880, 50.9328, 90.6046



167.3740, -41.1034, -23.1300



93.7170, 2.6045, 4.6332



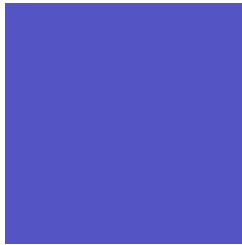
67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 96.8820, 49.3582, -11.2975 looks on a white background.

Color Contrast Check

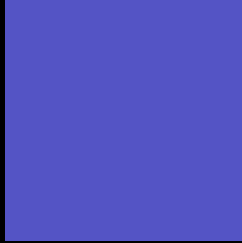
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.8820, 49.3582, -11.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

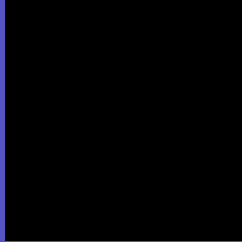
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.8820, 49.3582, -11.2975

Background



This preview shows how black text looks on a background with the YUV color 96.8820, 49.3582, -11.2975.



This preview shows how white text looks on a background with the YUV color 96.8820, 49.3582, -11.2975.

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

96.8820, 49.3582, -11.2975

Protanopia

77.9780, 60.1568, -68.3867

Deuteranopia

78.5360, 47.0638, -68.8761



Tritanopia

90.5810, 12.0386, -34.7125

Trichromacy



Original Color

96.8820, 49.3582, -11.2975

Protanomaly

84.7850, 56.3080, -47.1694

Deuteranomaly

85.1950, 47.7249, -47.5290

Tritanomaly

92.8930, 25.6888, -26.2162

Monochromacy



Original Color

96.8820, 49.3582, -11.2975

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.6740, 17.9087, -4.0991

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8820, 49.3582, -11.2975 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(84, 84, 197)` looks like.

```
.text, #text, p{  
    color:rgb(84, 84, 197)  
}
```

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(84, 84, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 84, 197) }
```

Border

The CSS property to change the border of an element to YUV 96.8820, 49.3582, -11.2975 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(84, 84, 197) }
```


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

```
.border{ border-color:rgb(84, 84, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 84, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 84, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 84, 197);  
box-shadow:4px 4px 4px 4px rgb(84, 84,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 96.8820, 49.3582, -11.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 84, 197) }
```

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

```
.background{ background-color: rgb(84, 84,  
197) }
```

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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