

Converting Colors

YUV(82.3520, 19.5465,
-16.0947)

Have a look what the booklet for
YUV(82.3520, 19.5465, -16.0947)
contains.

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Color

**YUV(82.3520, 19.5465,
-16.0947)**

Conversions

Conversions Part 1

Format	Color
Hex	40547A
RGB	64, 84, 122
RGB Percent	25%, 33%, 48%
CMY	0.7490, 0.6706, 0.5216
CMYK	0.48, 0.31, 0.00, 0.52
HSL	219°, 31%, 36%
HSV	219°, 48%, 48%
XYZ	8.7975, 8.8358, 19.6541
YIQ	82.3520, -24.1180, 7.5780

Conversions

Conversions Part 2

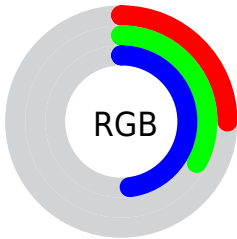
Format	Color
RYB	64, 79, 122
Decimal	4215930
CIELab	35.67, 3.48, -23.95
CIElCh	36, 24.202, 278.257
Yxy	8.8358, 0.2359, 0.2370
Android (android.graphics.Color)	4282406010 (0xFF40547A)
YUV	82.3520, 19.5465, -16.0947
Hunter-Lab	29.7250, 0.8107, -18.3949

Details

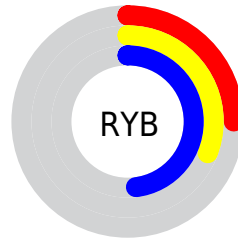
The YUV color **82.3520, 19.5465, -16.0947** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **103.6480, -19.5465, 16.0947**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.4060, 20.9988, -15.2651**, and **34.5040, 18.9785, -20.6130** is the 20% darker color. If you saturate the color by 10%, you get **74.0680, 23.6305, -19.3536**, and if you desaturate by 10%, it is **90.6360, 15.4625, -12.8358**.

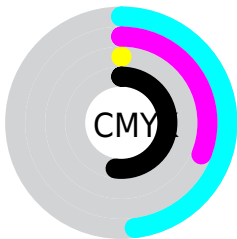
Distribution



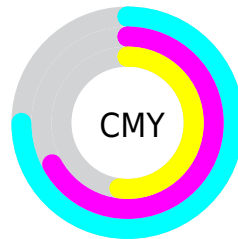
- Red (25%)
- Green (33%)
- Blue (48%)



- Red (25%)
- Yellow (31%)
- Blue (48%)



- Cyan (48%)
- Magenta (31%)
- Yellow (0%)
- Black (52%)



- Cyan (75%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.3520, 19.5465, -16.0947 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 82.3520, 19.5465, -16.0947 by changing the saturation by 10% instead.

■ 82.3520, 19.5465,
-16.0947

■ 82.3520, 19.5465,
-16.0947

255.0000, 0.0000,
0.0000

■ 58.5260, 18.9677,
-17.1243

■ 132.4060, 20.9988,
-15.2651

■ 34.5040, 18.9785,
-20.6130

■ 158.5200, 21.4356,
-15.3650

■ 16.8530, 16.3415,
-14.7801

■ 185.6340, 21.8724,
-15.4650

■ 4.4800, 12.0884,
-3.9290

■ 213.2920, 20.5620,
-15.1651

■ 0.0000, 0.0000,
0.0000

■ 238.1000, 8.3317,
-12.3657

254.4020, 0.2948,

-1.2296

■ 82.3520, 19.5465,
-16.0947

■ 82.3520, 19.5465,
-16.0947

■ 74.0680, 23.6305,
-19.3536

■ 90.6360, 15.4625,
-12.8358

■ 65.7840, 27.7145,
-22.6126

■ 98.9200, 11.3784,
-9.5768

■ 57.2010, 31.9459,
-26.4863

■ 107.5030, 7.1470,
-5.7031

■ 48.9170, 36.0299,
-29.7452

■ 115.7870, 3.0630,
-2.4442

■ 40.6330, 40.1139,
-33.0041

■ 124.0710, -1.0210,
0.8147

■ 38.5620, 41.1349,
-33.8189

■ 132.3550, -5.1050,
4.0737

■ 140.6390, -9.1890,
7.3326

■ 149.2220,
-13.4204, 11.2063

■ 157.5060,
-17.5045, 14.4652

Harmonies

Analogous

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



74.1700, 22.1012, -42.2451



82.3520, 19.5465, -16.0947



86.0020, 13.8030, 6.1372

Triad

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



82.3520, 19.5465, -16.0947



84.7990, -11.7329, 29.9943



76.2110, -3.5550, -26.4950

Complementary

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



82.3520, 19.5465, -16.0947



103.6480, -19.5465, 16.0947

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.



79.8020, -13.2134, -8.5964



82.3520, 19.5465, -16.0947



83.5500, -17.5261, 21.4427

Square

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



82.3520, 19.5465, -16.0947



85.6880, -3.2972, 30.9686



81.6470, -18.0670, 8.2026



68.9120, 9.9034, -49.9118

Rectangle

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



82.3520, 19.5465, -16.0947



86.2270, 9.2551, 18.2179



81.6470, -18.0670, 8.2026



77.3320, -7.0657, -20.4622

Sweetspot

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



82.3520, 19.5465, -16.0947



143.2040, 7.2944, -6.3179



102.3780, -0.1864, -33.6575



69.8300, 4.5208, -3.3589



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



82.3520, 19.5465, -16.0947



96.4570, 30.3407, -24.9568



73.3030, 24.0076, -0.2657



56.8580, 2.0420, -1.6295



39.4910, 42.1559, -34.6336



79.7970, 84.8961, -69.9820

Inverse Universe

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



83.6220, 0.1864, 33.6575



98.4440, 0.2741, 52.2306



112.6970, -24.0076, 0.2657



57.0220, -0.0108, 3.4887



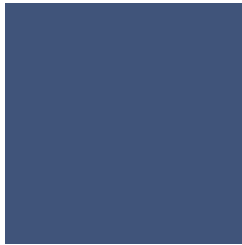
42.2770, 0.3564, 72.5481



85.2660, 0.8549, 146.2257

Previews

White Background



This preview shows how the YUV color 82.3520, 19.5465, -16.0947 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 82.3520, 19.5465, -16.0947 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 82.3520, 19.5465, -16.0947

Background



This preview shows how black text looks on a background with the YUV color 82.3520, 19.5465, -16.0947.



This preview shows how white text looks on a background with the YUV color 82.3520, 19.5465,

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

82.3520, 19.5465, -16.0947

Protanopia

83.1570, 18.6566, -10.6617

Deuteranopia

82.9610, 19.2462, -13.1208



Tritanopia

79.9310, 7.9220, -20.9875

Trichromacy



Original Color

82.3520, 19.5465, -16.0947

Protanomaly

82.8470, 18.8094, -13.0208

Deuteranomaly

82.6620, 19.3936, -13.7356

Tritanomaly

80.6800, 11.9898, -19.0134

Monochromacy



Original Color

82.3520, 19.5465, -16.0947

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.2040, 7.2944, -6.3179

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.3520, 19.5465, -16.0947 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(64, 84, 122)` looks like.

```
.text, #text, p{  
    color:rgb(64, 84, 122)  
}
```

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(64, 84, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 84, 122) }
```

Border

The CSS property to change the border of an element to YUV 82.3520, 19.5465, -16.0947 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(64, 84, 122) }
```


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

```
.border{ border-color:rgb(64, 84, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 84, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 84, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 84, 122);  
box-shadow:4px 4px 4px 4px rgb(64, 84,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 82.3520, 19.5465, -16.0947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 84, 122) }
```

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

```
.background{ background-color: rgb(64, 84,  
122) }
```

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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