

Converting Colors

YUV(99.4550, 50.0617,
-50.3880)

Have a look what the booklet for
YUV(99.4550, 50.0617, -50.3880)
contains.

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Color

**YUV(99.4550, 50.0617,
-50.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	2A6DC9
RGB	42, 109, 201
RGB Percent	16%, 43%, 79%
CMY	0.8353, 0.5725, 0.2118
CMYK	0.79, 0.46, 0.00, 0.21
HSL	215°, 65%, 48%
HSV	215°, 79%, 79%
XYZ	16.9661, 15.6466, 57.3842
YIQ	99.4550, -69.4640, 14.4080

Conversions

Conversions Part 2

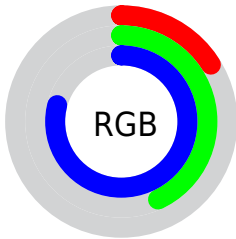
Format	Color
R_{YB}	42, 89, 201
Decimal	2780617
CIE _{Lab}	46.51, 12.10, -53.78
CIE _{LCh}	47, 55.123, 282.677
Yxy	15.6466, 0.1885, 0.1739
Android (android.graphics.Color)	4280970697 (0xFF2A6DC9)
YUV	99.4550, 50.0617, -50.3880
Hunter-Lab	39.5557, 7.3390, -58.3240

Details

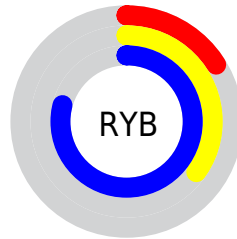
The YUV color **99.4550, 50.0617, -50.3880** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **143.5450, -50.0617, 50.3880**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4780, 48.5713, -39.0072**, and **53.6250, 45.5409, -47.0291** is the 20% darker color. If you saturate the color by 10%, you get **86.4310, 56.4825, -56.5060**, and if you desaturate by 10%, it is **112.4790, 43.6409, -44.2701**.

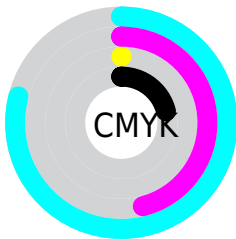
Distribution



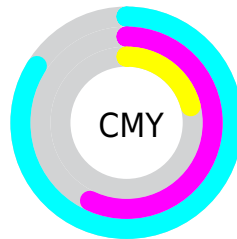
- Red (16%)
- Green (43%)
- Blue (79%)



- Red (16%)
- Yellow (35%)
- Blue (79%)



- Cyan (79%)
- Magenta (46%)
- Yellow (0%)
- Black (21%)



- Cyan (84%)
- Magenta (57%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.4550, 50.0617, -50.3880 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 99.4550, 50.0617, -50.3880 by changing the saturation by 10% instead.

■ 99.4550, 50.0617,
-50.3880

■ 99.4550, 50.0617,
-50.3880

■ 255.0000, 0.0000,
0.0000

■ 69.6170, 50.9678,
-61.0541

■ 156.4780, 48.5713,
-39.0072

■ 53.6250, 45.5409,
-47.0291

■ 181.2970, 36.3356,
-34.4635

■ 38.3340, 40.2613,
-33.6189

■ 206.1160, 24.0998,
-29.9197

■ 24.3310, 34.8398,
-21.3383

■ 232.1090, 11.2853,
-26.4056

■ 12.6760, 28.2607,
-11.1169

■ 248.1230, 3.3904,
-14.1399

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 99.4550, 50.0617,
-50.3880

■ 99.4550, 50.0617,
-50.3880

■ 86.4310, 56.4825,
-56.5060

■ 112.4790, 43.6409,
-44.2701

■ 73.9940, 62.6140,
-63.1387

■ 124.9160, 37.5094,
-37.6373

■ 72.8090, 63.1982,
-63.8535

■ 137.9400, 31.0886,
-31.5194

■ 150.9640, 24.6677,
-25.4014

■ 163.7000, 18.3889,
-18.1539

■ 176.7240, 11.9681,
-12.0359

■ 189.1610, 5.8366,
-5.4032

■ 202.1850, -0.5842,
0.7148

■ 215.2090, -7.0050,
6.8327

Harmonies

Analogous

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



94.8870, 51.3277, -83.2159



99.4550, 50.0617, -50.3880



113.6120, 32.2363, 20.5113

Triad

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



99.4550, 50.0617, -50.3880



105.7900, -27.9975, 66.8362



85.5440, -2.2402, -75.0221

Complementary

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



99.4550, 50.0617, -50.3880



143.5450, -50.0617, 50.3880

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.



95.0170, -29.5884, -29.8329



99.4550, 50.0617, -50.3880



104.3700, -48.0034, 43.5255

Square

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



99.4550, 50.0617, -50.3880



105.2900, -6.0590, 76.9217



101.0040, -49.7950, 11.3975



92.1900, 18.1473, -80.8506

Rectangle

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



99.4550, 50.0617, -50.3880



111.4110, 20.5034, 50.5056



101.0040, -49.7950, 11.3975



83.1330, -8.9396, -72.9076

Sweetspot

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



99.4550, 50.0617, -50.3880



216.2160, 19.1205, -19.4834



145.5930, -6.7013, -90.8511



104.0230, 11.8207, -11.4212



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.



99.4550, 50.0617, -50.3880



100.4620, 76.1872, -76.7042



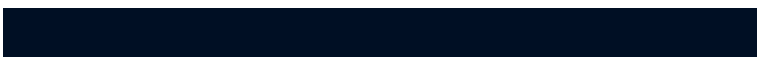
63.4150, 67.8294, -9.1340



93.3740, 2.7736, -2.9590



59.0850, 51.2301, -51.8175



12.9090, 11.3839, -11.3212

Inverse Universe

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



97.1790, 5.8278, 91.0510



96.9860, 8.8809, 138.5783



179.5850, -67.8294, 9.1340



93.1470, 0.4205, 5.1331



56.6030, 6.1117, 93.3102



12.4740, 1.2453, 20.6323

Previews

White Background



This preview shows how the YUV color 99.4550, 50.0617, -50.3880 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 99.4550, 50.0617, -50.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

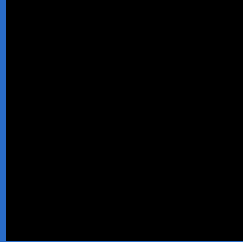
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.4550, 50.0617, -50.3880

Background



This preview shows how black text looks on a background with the YUV color 99.4550, 50.0617, -50.3880.



This preview shows how white text looks on a background with the YUV color 99.4550, 50.0617,

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

99.4550, 50.0617, -50.3880

Protanopia

104.5170, 46.0871, -35.5334

Deuteranopia

88.2020, 53.6374, -77.3532



Tritanopia

86.4340, 21.4780, -75.8026

Trichromacy



Original Color

99.4550, 50.0617, -50.3880

Protanomaly

102.8260, 47.4138, -41.0664

Deuteranomaly

92.2140, 52.1525, -67.7167

Tritanomaly

90.9480, 32.0706, -66.6064

Monochromacy



Original Color

99.4550, 50.0617, -50.3880

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.2870, 18.0995, -18.6687

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4550, 50.0617, -50.3880 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(42, 109, 201)` looks like.

```
.text, #text, p{  
    color:rgb(42, 109, 201)  
}
```

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(42, 109, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 109, 201) }
```

Border

The CSS property to change the border of an element to YUV 99.4550, 50.0617, -50.3880 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(42, 109, 201) }
```


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

```
.border{ border-color:rgb(42, 109, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 109, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 109, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 109, 201);  
box-shadow:4px 4px 4px 4px rgb(42, 109,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 99.4550, 50.0617, -50.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 109, 201) }
```

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

```
.background{ background-color: rgb(42, 109,  
201) }
```

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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