

Converting Colors

YUV(98.9450, 50.3131,
-37.6628)

Have a look what the booklet for
YUV(98.9450, 50.3131, -37.6628)
contains.

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Color

**YUV(98.9450, 50.3131,
-37.6628)**

Conversions

Conversions Part 1

Format	Color
Hex	3865C9
RGB	56, 101, 201
RGB Percent	22%, 40%, 79%
CMY	0.7804, 0.6039, 0.2118
CMYK	0.72, 0.50, 0.00, 0.21
HSL	221°, 57%, 50%
HSV	221°, 72%, 79%
XYZ	16.8272, 14.3652, 57.1442
YIQ	98.9450, -58.9200, 21.5600

Conversions

Conversions Part 2

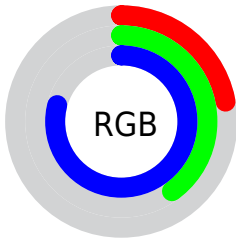
Format	Color
R_{YB}	56, 90, 201
Decimal	3696073
CIE _{Lab}	44.75, 18.89, -56.58
CIE _{LCh}	45, 59.650, 288.465
Yxy	14.3652, 0.1905, 0.1626
Android (android.graphics.Color)	4281886153 (0xFF3865C9)
YUV	98.9450, 50.3131, -37.6628
Hunter-Lab	37.9014, 12.9217, -62.8610

Details

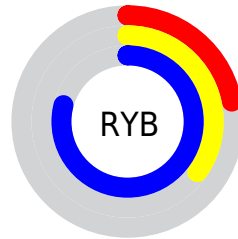
The YUV color **98.9450, 50.3131, -37.6628** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **158.0550, -50.3131, 37.6628**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8860, 49.8492, -28.8410**, and **48.9290, 47.8560, -42.9107** is the 20% darker color. If you saturate the color by 10%, you get **84.7470, 57.3127, -42.7511**, and if you desaturate by 10%, it is **113.1430, 43.3135, -32.5744**.

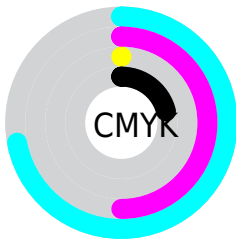
Distribution



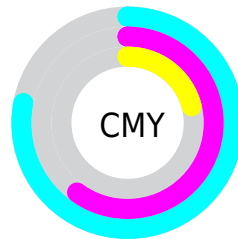
- Red (22%)
- Green (40%)
- Blue (79%)



- Red (22%)
- Yellow (35%)
- Blue (79%)



- Cyan (72%)
- Magenta (50%)
- Yellow (0%)
- Black (21%)



- Cyan (78%)
- Magenta (60%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.9450, 50.3131, -37.6628 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 98.9450, 50.3131, -37.6628 by changing the saturation by 10% instead.

■ 98.9450, 50.3131,
-37.6628

■ 98.9450, 50.3131,
-37.6628

■ 255.0000, 0.0000,
0.0000

■ 64.9210, 53.2829,
-56.9357

■ 153.8860, 49.8492,
-28.8410

■ 48.9290, 47.8560,
-42.9107

■ 178.4060, 37.7608,
-24.9121

■ 34.2250, 42.2871,
-30.0153

■ 203.2250, 25.5251,
-20.3683

■ 19.5210, 36.7181,
-17.1199

■ 228.6310, 12.9999,
-16.3394

■ 12.6760, 28.2607,
-11.1169

■ 250.5150, 2.2111,
-9.2217

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 98.9450, 50.3131,
-37.6628

■ 98.9450, 50.3131,
-37.6628

■ 84.7470, 57.3127,
-42.7511

■ 113.1430, 43.3135,
-32.5744

■ 70.5490, 64.3123,
-47.8395

■ 127.3410, 36.3139,
-27.4861

■ 59.3080, 69.8542,
-52.0131

■ 141.5390, 29.3143,
-22.3977

■ 155.1500, 22.6041,
-16.7945

■ 169.6470, 15.4570,
-11.0914

■ 183.8450, 8.4574,
-6.0031

■ 198.0430, 1.4578,
-0.9147

■ 212.2410, -5.5418,
4.1736

■ 226.4390,
-12.5414, 9.2620

Harmonies

Analogous

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



91.9350, 55.2480, -80.6270



98.9450, 50.3131, -37.6628



108.1620, 31.4721, 32.3069

Triad

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



98.9450, 50.3131, -37.6628



99.8950, -33.9652, 67.6211



84.1250, -0.0616, -73.7776

Complementary

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



98.9450, 50.3131, -37.6628



158.0550, -50.3131, 37.6628

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.



84.3460, -25.3136, -47.6614



98.9450, 50.3131, -37.6628



99.9950, -49.2975, 38.5924

Square

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



98.9450, 50.3131, -37.6628



97.7100, -9.7170, 83.5693



95.9320, -47.2945, 2.6906



90.6400, 22.3625, -79.4913

Rectangle

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



98.9450, 50.3131, -37.6628



103.8470, 19.3024, 62.4012



95.9320, -47.2945, 2.6906



81.6000, -7.1978, -71.5632

Sweetspot

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



98.9450, 50.3131, -37.6628



215.3630, 19.5410, -14.3504



152.4010, 1.2813, -84.5437



104.3330, 11.6678, -9.0620



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.



98.9450, 50.3131, -37.6628



98.8110, 77.0012, -57.7162



80.6030, 59.3557, 2.1022



92.7870, 3.0630, -2.4442



48.5190, 56.4391, -42.5512



10.5610, 12.5414, -9.2620

Inverse Universe

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



104.4850, -1.7181, 84.6437



107.2440, -2.5853, 129.5820



176.3970, -59.3557, -2.1022



93.0330, -0.0163, 5.2331



54.5510, -1.7506, 95.1098



12.0180, -0.5019, 21.0322

Previews

White Background



This preview shows how the YUV color 98.9450, 50.3131, -37.6628 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 98.9450, 50.3131, -37.6628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

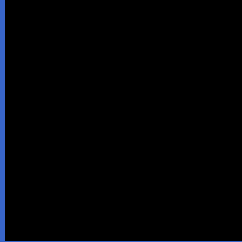
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.9450, 50.3131, -37.6628

Background



This preview shows how black text looks on a background with the YUV color 98.9450, 50.3131, -37.6628.



This preview shows how white text looks on a background with the YUV color 98.9450, 50.3131, -37.6628.

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

98.9450, 50.3131, -37.6628

Protanopia

97.2540, 51.6398, -43.1958

Tritanopia

83.0430, 21.1778, -72.8287

Trichromacy



Original Color

98.9450, 50.3131, -37.6628

Protanomaly

98.1510, 51.1976, -41.3514

Tritanomaly

88.5790, 31.7596, -60.1438

Monochromacy



Original Color

98.9450, 50.3131, -37.6628

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0210, 18.2306, -14.0504

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.9450, 50.3131, -37.6628 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(56, 101, 201)` looks like.

```
.text, #text, p{  
    color:rgb(56, 101, 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(56, 101, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 101, 201) }
```

Border

The CSS property to change the border of an element to YUV 98.9450, 50.3131, -37.6628 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(56, 101, 201) }
```

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

```
.border{ border-color:rgb(56, 101, 201) }
```

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

Here you see how a box with a 4 pixel rgb(56, 101, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 101, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 101, 201);  
box-shadow:4px 4px 4px 4px rgb(56, 101,  
201) }
```


Background

The CSS property to change the background color of an element to YUV 98.9450, 50.3131, -37.6628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 101, 201) }
```

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

```
.background{ background-color: rgb(56, 101,  
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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