

Converting Colors

YUV(98.5000, 48.5605,
-35.5185)

Have a look what the booklet for
YUV(98.5000, 48.5605, -35.5185)
contains.

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Color

**YUV(98.5000, 48.5605,
-35.5185)**

Conversions

Conversions Part 1

Format	Color
Hex	3A64C5
RGB	58, 100, 197
RGB Percent	23%, 39%, 77%
CMY	0.7725, 0.6078, 0.2275
CMYK	0.71, 0.49, 0.00, 0.23
HSL	222°, 55%, 50%
HSV	222°, 71%, 77%
XYZ	16.3801, 14.0451, 54.6710
YIQ	98.5000, -56.1690, 21.2630

Conversions

Conversions Part 2

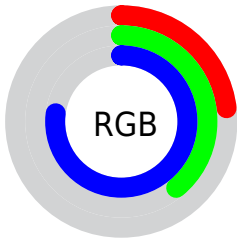
Format	Color
R_{YB}	58, 90, 197
Decimal	3826885
CIE _{Lab}	44.30, 18.34, -55.00
CIE _{LCh}	44, 57.980, 288.444
Yxy	14.0451, 0.1925, 0.1650
Android (android.graphics.Color)	4282016965 (0xFF3A64C5)
YUV	98.5000, 48.5605, -35.5185
Hunter-Lab	37.4768, 12.4333, -60.2582

Details

The YUV color **98.5000, 48.5605, -35.5185** 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 **156.5000, -48.5605, 35.5185**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.1850, 49.7018, -28.2262**, and **47.8860, 46.3982, -41.9960** is the 20% darker color. If you saturate the color by 10%, you get **84.3020, 55.5601, -40.6069**, and if you desaturate by 10%, it is **112.6980, 41.5609, -30.4301**.

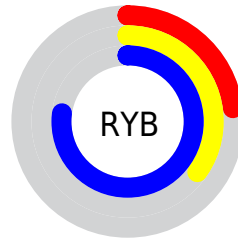
Distribution



Red (23%)

Green (39%)

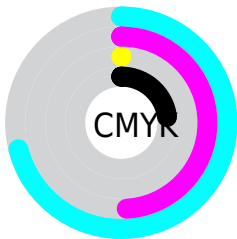
Blue (77%)



Red (23%)

Yellow (35%)

Blue (77%)

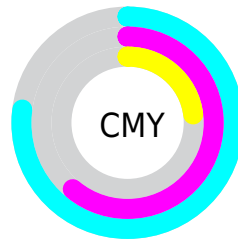


Cyan (71%)

Magenta (49%)

Yellow (0%)

Black (23%)



Cyan (77%)

Magenta (61%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.5000, 48.5605, -35.5185 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 98.5000, 48.5605, -35.5185 by changing the saturation by 10% instead.

■ 98.5000, 48.5605,
-35.5185

■ 98.5000, 48.5605,
-35.5185

255.0000, 0.0000,
0.0000

■ 65.6720, 50.9407,
-52.3323

■ 153.1850, 49.7018,
-28.2262

■ 47.8860, 46.3982,
-41.9960

■ 178.1180, 37.9028,
-23.7825

■ 33.1820, 40.8293,
-29.1006

■ 202.6380, 25.8145,
-19.8535

■ 18.5920, 35.6971,
-16.3052

■ 228.0440, 13.2893,
-15.8246

■ 11.7470, 27.2397,
-10.3021

■ 250.5150, 2.2111,
-9.2217

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 98.5000, 48.5605,
-35.5185

■ 98.5000, 48.5605,
-35.5185

■ 84.3020, 55.5601,
-40.6069

■ 112.6980, 41.5609,
-30.4301

■ 70.9900, 62.1229,
-45.5952

■ 126.0100, 34.9981,
-25.4418

■ 57.6780, 68.6857,
-50.5836

■ 140.2080, 27.9985,
-20.3534

■ 154.4060, 20.9988,
-15.2651

■ 168.6040, 13.9992,
-10.1767

■ 181.9160, 7.4364,
-5.1883

■ 196.1140, 0.4368,
-0.1000

■ 210.3120, -6.5628,
4.9884

■ 224.2110,
-13.4150, 9.4620

Harmonies

Analogous

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



90.8920, 53.7902, -79.7123



98.5000, 48.5605, -35.5185



107.2220, 30.4566, 31.3773

Triad

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



98.5000, 48.5605, -35.5185



99.1120, -33.0862, 65.6768



82.9510, 0.5172, -72.7480

Complementary

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



98.5000, 48.5605, -35.5185



156.5000, -48.5605, 35.5185

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.



84.7700, -25.0296, -45.4023



98.5000, 48.5605, -35.5185



98.8100, -48.7133, 37.8776

Square

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



98.5000, 48.5605, -35.5185



96.9870, -9.8536, 80.6954



94.7580, -46.7157, 3.7202



89.2380, 22.0677, -78.2617

Rectangle

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



98.5000, 48.5605, -35.5185



103.3090, 18.5817, 60.2420



94.7580, -46.7157, 3.7202



80.4260, -6.6190, -70.5336

Sweetspot

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



98.5000, 48.5605, -35.5185



217.1350, 18.6674, -14.1504



150.4230, 1.2705, -81.0550



104.9310, 11.3730, -7.8325



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.



98.5000, 48.5605, -35.5185



101.4800, 75.6854, -55.6720



81.3210, 57.0297, 1.4725



92.7870, 3.0630, -2.4442



47.3450, 57.0179, -41.5216



10.5610, 12.5414, -9.2620

Inverse Universe

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



104.3490, -2.1441, 81.2549



110.4070, -3.1587, 126.8081



173.6790, -57.0297, -1.4725



93.0330, -0.0163, 5.2331



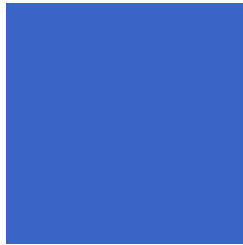
54.3230, -2.6242, 95.3097



12.0180, -0.5019, 21.0322

Previews

White Background



This preview shows how the YUV color 98.5000, 48.5605, -35.5185 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 98.5000, 48.5605, -35.5185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

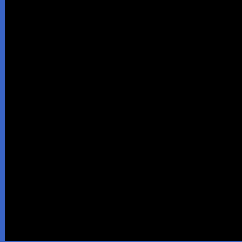
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.5000, 48.5605, -35.5185

Background



This preview shows how black text looks on a background with the YUV color 98.5000, 48.5605, -35.5185.



This preview shows how white text looks on a background with the YUV color 98.5000, 48.5605,

-35.5185.

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

98.5000, 48.5605, -35.5185

Protanopia

96.8090, 49.8872, -41.0515

Deuteranopia

83.5400, 51.0058, -73.2646



Tritanopia

82.3420, 21.0304, -72.2139

Trichromacy



Original Color

98.5000, 48.5605, -35.5185

Protanomaly

97.7060, 49.4449, -39.2072

Deuteranomaly

89.1010, 50.2362, -59.7246

Tritanomaly

88.0630, 31.0279, -58.8143

Monochromacy



Original Color

98.5000, 48.5605, -35.5185

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.6190, 17.9358, -12.8209

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.5000, 48.5605, -35.5185 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(58, 100, 197)` looks like.

```
.text, #text, p{  
    color:rgb(58, 100, 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(58, 100, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 100, 197) }
```

Border

The CSS property to change the border of an element to YUV 98.5000, 48.5605, -35.5185 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(58, 100, 197) }
```


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

```
.border{ border-color:rgb(58, 100, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 100, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 100, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 100, 197);  
box-shadow:4px 4px 4px 4px rgb(58, 100,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 98.5000, 48.5605, -35.5185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 100, 197) }
```

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

```
.background{ background-color: rgb(58, 100,  
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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