

Converting Colors

YUV(98.3950, 60.9373,
-85.4154)

Have a look what the booklet for
YUV(98.3950, 60.9373, -85.4154)
contains.

YUV(98.3950, 60.9373, -85.4154)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(98.3950, 60.9373,
-85.4154)**

Conversions

Conversions Part 1

Format	Color
Hex	017CDE
RGB	1, 124, 222
RGB Percent	0%, 49%, 87%
CMY	0.9961, 0.5137, 0.1294
CMYK	1.00, 0.44, 0.00, 0.13
HSL	207°, 99%, 44%
HSV	207°, 100%, 87%
XYZ	20.4050, 19.6957, 71.8334
YIQ	98.3950, -104.7660, 4.4020

Conversions

Conversions Part 2

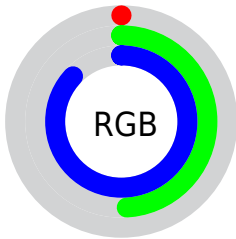
Format	Color
R_{YB}	1, 80, 222
Decimal	97502
CIE _{Lab}	51.49, 8.48, -57.74
CIE _{LCh}	51, 58.363, 278.353
Yxy	19.6957, 0.1823, 0.1760
Android (android.graphics.Color)	4278287582 (0xFF017CDE)
YUV	98.3950, 60.9373, -85.4154
Hunter-Lab	44.3798, 4.4062, -64.9013

Details

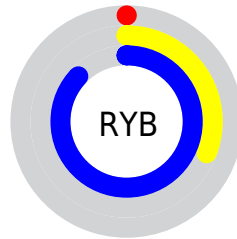
The YUV color **98.3950, 60.9373, -85.4154** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **124.6050, -60.9373, 85.4154**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4780, 45.1203, -52.1622**, and **63.5360, 50.5148, -55.7211** is the 20% darker color. If you saturate the color by 10%, you get **98.0960, 61.0847, -86.0302**, and if you desaturate by 10%, it is **110.8430, 54.8004, -77.0383**.

Distribution



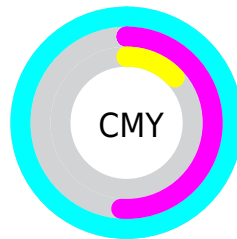
- Red (0%)
- Green (49%)
- Blue (87%)



- Red (0%)
- Yellow (31%)
- Blue (87%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (51%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.3950, 60.9373, -85.4154 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 98.3950, 60.9373, -85.4154 by changing the saturation by 10% instead.

■ 98.3950, 60.9373,
-85.4154

■ 98.3950, 60.9373,
-85.4154

255.0000, 0.0000,
0.0000

■ 80.8160, 55.7997,
-70.8756

■ 163.4780, 45.1203,
-52.1622

■ 63.5360, 50.5148,
-55.7211

■ 188.8950, 32.5898,
-46.3889

■ 47.5440, 45.0878,
-41.6961

■ 214.8990, 19.7698,
-41.1304

■ 33.4270, 39.2295,
-29.3155

■ 238.2560, 8.2548,
-34.4275

■ 16.4890, 35.2549,
-14.4609

■ 247.5250, 3.6852,
-15.3694

■ 11.4050, 25.9293,
-10.0022

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 98.3950, 60.9373,
-85.4154

■ 98.3950, 60.9373,
-85.4154

■ 98.0960, 61.0847,
-86.0302

■ 110.8430, 54.8004,
-77.0383

■ 123.2910, 48.6635,
-68.6612

■ 136.0380, 42.3793,
-59.6693

■ 147.8990, 36.5318,
-50.7774

■ 160.3470, 30.3949,
-42.4003

■ 172.7950, 24.2581,
-34.0232

■ 185.2430, 18.1212,
-25.6461

■ 197.9900, 11.8369,
-16.6542

■ 210.4380, 5.7001,
-8.2771

Harmonies

Analogous

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



105.5160, 53.9756, -92.5375



98.3950, 60.9373, -85.4154



125.9470, 37.4941, 14.0785

Triad

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



98.3950, 60.9373, -85.4154



118.0730, -27.1510, 75.3580



93.5170, -4.6919, -82.0144

Complementary

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



98.3950, 60.9373, -85.4154



124.6050, -60.9373, 85.4154

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.



108.4430, -35.7144, -24.9445



98.3950, 60.9373, -85.4154



117.7130, -48.1725, 51.1177

Square

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



98.3950, 60.9373, -85.4154



118.3060, -3.6019, 82.1696



113.4410, -55.9264, 18.0302



101.2060, 17.1534, -88.7577

Rectangle

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



98.3950, 60.9373, -85.4154



124.9530, 25.1662, 48.2762



113.4410, -55.9264, 18.0302



91.2910, -11.9755, -79.1852

Sweetspot

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



98.3950, 60.9373, -85.4154



212.3180, 21.0422, -29.2199



141.6710, -22.0228, -123.3685



101.9190, 12.8579, -17.4690



0.0000, 0.0000, 0.0000



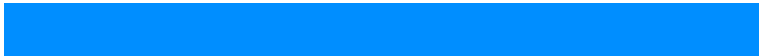
128.0000, 0.0000, 0.0000

Same Dimension

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



98.3950, 60.9373, -85.4154



112.4240, 70.2900, -98.5958



34.9990, 92.1915, -29.8171



105.7760, 3.0684, -4.1886



77.5900, 48.5161, -68.0464



21.3210, 13.1527, -18.6985

Inverse Universe

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



81.1010, 21.1492, 123.5684



92.4330, 24.4365, 142.5713



188.0010, -92.1915, 29.8171



104.9730, 0.9993, 6.1627



63.7960, 16.8626, 98.4029



17.4300, 4.7180, 26.8099

Previews

White Background



This preview shows how the YUV color 98.3950, 60.9373, -85.4154 looks on a white 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

Black Background



This preview shows how the YUV color 98.3950, 60.9373, -85.4154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

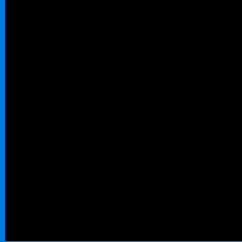
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 98.3950, 60.9373, -85.4154

Background



This preview shows how black text looks on a background with the YUV color 98.3950, 60.9373, -85.4154.



This preview shows how white text looks on a background with the YUV color 98.3950, 60.9373,

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

98.3950, 60.9373, -85.4154

Protanopia

117.3150, 49.1447, -36.2333

Deuteranopia

97.8680, 60.2111, -85.8302



Tritanopia

96.3620, 23.9785, -84.5095

Trichromacy



Original Color

98.3950, 60.9373, -85.4154

Protanomaly

110.6440, 53.4195, -54.0618

Deuteranomaly

97.9820, 60.6479, -85.9302

Tritanomaly

97.2060, 37.3664, -85.2497

Monochromacy



Original Color

98.3950, 60.9373, -85.4154

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9480, 22.2106, -30.6494

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.3950, 60.9373, -85.4154 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(1, 124, 222)` looks like.

```
.text, #text, p{  
    color:rgb(1, 124, 222)  
}
```

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(1, 124, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 124, 222) }
```

Border

The CSS property to change the border of an element to YUV 98.3950, 60.9373, -85.4154 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(1, 124, 222) }
```


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

```
.border{ border-color:rgb(1, 124, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 124, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 124, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 124, 222);  
box-shadow:4px 4px 4px 4px rgb(1, 124,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 98.3950, 60.9373, -85.4154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 124, 222) }
```

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

```
.background{ background-color: rgb(1, 124,  
222) }
```

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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