

Converting Colors

YUV(111.3860, 51.0817,
-97.6855)

Have a look what the booklet for
YUV(111.3860, 51.0817, -97.6855)
contains.

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Color

**YUV(111.3860, 51.0817,
-97.6855)**

Conversions

Conversions Part 1

Format	Color
Hex	0094D7
RGB	0, 148, 215
RGB Percent	0%, 58%, 84%
CMY	1.0000, 0.4196, 0.1569
CMYK	1.00, 0.31, 0.00, 0.16
HSL	199°, 100%, 42%
HSV	199°, 100%, 84%
XYZ	22.8556, 26.0861, 68.1205
YIQ	111.3860, -109.7150, -10.5390

Conversions

Conversions Part 2

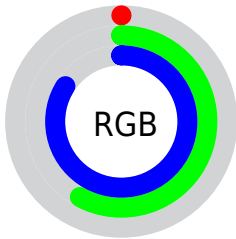
Format	Color
R _{YB}	0, 88, 215
Decimal	38103
CIE _{Lab}	58.12, -8.55, -43.26
CIE _{LCh}	58, 44.101, 258.818
Yxy	26.0861, 0.1952, 0.2228
Android (android.graphics.Color)	4278228183 (0xFF0094D7)
YUV	111.3860, 51.0817, -97.6855
Hunter-Lab	51.0746, -9.5025, -43.3256

Details

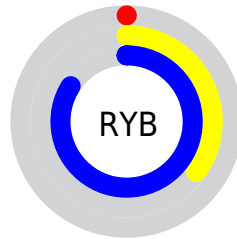
The YUV color **111.3860, 51.0817, -97.6855** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **103.6140, -51.0817, 97.6855**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1420, 37.8910, -66.7765**, and **75.7660, 41.5274, -66.4468** is the 20% darker color. If you saturate the color by 10%, you get **111.3860, 51.0817, -97.6855**, and if you desaturate by 10%, it is **121.7740, 45.9604, -88.3788**.

Distribution



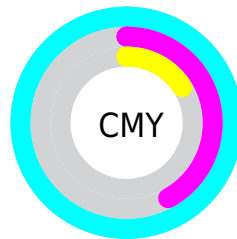
- Red (0%)
- Green (58%)
- Blue (84%)



- Red (0%)
- Yellow (35%)
- Blue (84%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.3860, 51.0817, -97.6855 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 111.3860, 51.0817, -97.6855 by changing the saturation by 10% instead.

■ 111.3860, 51.0817,
-97.6855

■ 111.3860, 51.0817,
-97.6855

255.0000, 0.0000,
0.0000

■ 92.9320, 46.3755,
-81.5014

■ 178.1420, 37.8910,
-66.7765

■ 75.7660, 41.5274,
-66.4468

■ 204.4450, 24.9236,
-60.9033

■ 58.6000, 36.6792,
-51.3922

■ 228.3890, 13.1192,
-54.7152

■ 42.8360, 32.1259,
-37.5672

■ 237.6580, 8.5496,
-35.6571

■ 27.6590, 27.2831,
-24.2569

■ 246.9270, 3.9800,
-16.5990

■ 10.2480, 24.0347,
-8.9875

■ 5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 111.3860, 51.0817,
-97.6855

■ 121.7740, 45.9604,
-88.3788

■ 131.8740, 40.9811,
-77.9425

■ 142.5610, 35.7124,
-68.0210

■ 152.9490, 30.5911,
-58.7143

■ 163.6360, 25.3225,
-48.7928

■ 173.4370, 20.4906,
-38.9712

■ 184.1240, 15.2219,
-29.0497

■ 194.5120, 10.1006,
-19.7430

■ 204.6120, 5.1213,
-9.3067

Harmonies

Analogous

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



114.0300, 40.9042, -100.0043



111.3860, 51.0817, -97.6855



139.1080, 36.4288, -17.6347

Triad

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



111.3860, 51.0817, -97.6855



140.1220, -11.3991, 63.0370



128.4220, -20.4210, -30.1881

Complementary

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



111.3860, 51.0817, -97.6855



103.6140, -51.0817, 97.6855

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.



133.8580, -34.9330, 4.5095



111.3860, 51.0817, -97.6855



138.8270, -27.5227, 54.5257

Square

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



111.3860, 51.0817, -97.6855



142.7630, 6.5258, 53.7048



137.4640, -37.2038, 32.9191



110.0570, 6.3809, -86.8730

Rectangle

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



111.3860, 51.0817, -97.6855



143.4170, 27.8954, 12.7893



137.4640, -37.2038, 32.9191



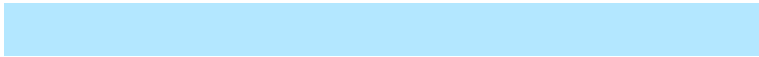
130.3050, -26.2794, -17.8075

Sweetspot

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



111.3860, 51.0817, -97.6855



218.1880, 18.1483, -34.3679



133.6150, -33.8272, -117.1804



105.4410, 11.1216, -20.5578



0.0000, 0.0000, 0.0000



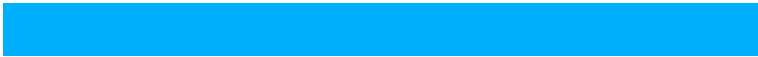
128.0000, 0.0000, 0.0000

Same Dimension

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



111.3860, 51.0817, -97.6855



132.3820, 60.4507, -116.0990



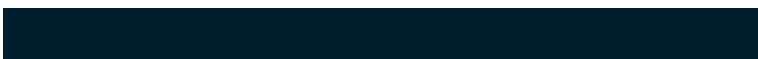
49.7510, 81.4678, -43.6316



101.9500, 2.4897, -5.2181



88.7600, 40.5443, -77.8425



22.5120, 10.1006, -19.7430

Inverse Universe

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



81.1570, 32.9536, 117.3803



96.3090, 39.2877, 139.1720



165.2490, -81.4678, 43.6316



100.2010, 1.8729, 5.9627



64.5810, 26.3356, 93.3295



16.2770, 6.7654, 23.4361

Previews

White Background



This preview shows how the YUV color 111.3860, 51.0817, -97.6855 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 111.3860, 51.0817, -97.6855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

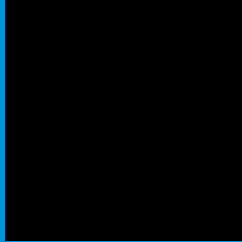
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 111.3860, 51.0817, -97.6855

Background



This preview shows how black text looks on a background with the YUV color 111.3860, 51.0817, -97.6855.

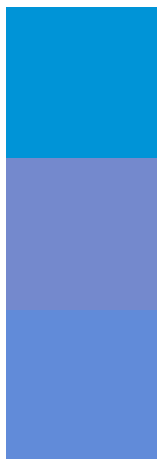


This preview shows how white text looks on a background with the YUV color 111.3860, 51.0817, -97.6855.

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

111.3860, 51.0817, -97.6855

Protanopia

138.4730, 32.7978, -19.7088

Deuteranopia

135.3340, 40.2613, -33.6189



Tritanopia

109.9090, 27.6529, -96.3902

Trichromacy



Original Color

111.3860, 51.0817, -97.6855

Protanomaly

128.7190, 39.5785, -47.9886

Deuteranomaly

126.5160, 44.1156, -56.5805

Tritanomaly

110.2000, 36.3834, -96.6454

Monochromacy



Original Color

111.3860, 51.0817, -97.6855

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.0030, 18.7325, -35.0826

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.3860, 51.0817, -97.6855 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(0, 148, 215)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 215)  
}
```

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(0, 148, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 215) }
```

Border

The CSS property to change the border of an element to YUV 111.3860, 51.0817, -97.6855 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(0, 148, 215) }
```


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

```
.border{ border-color:rgb(0, 148, 215) }
```

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

Here you see how a box with a 4 pixel rgb(0, 148, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 215);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 111.3860, 51.0817, -97.6855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 215) }
```

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

```
.background{ background-color: rgb(0, 148,  
215) }
```

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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