

Converting Colors

YUV(100.0390, 50.7598,
-87.7342)

Have a look what the booklet for
YUV(100.0390, 50.7598, -87.7342)
contains.

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Color

**YUV(100.0390, 50.7598,
-87.7342)**

Conversions

Conversions Part 1

Format	Color
Hex	0083CB
RGB	0, 131, 203
RGB Percent	0%, 51%, 80%
CMY	1.0000, 0.4863, 0.2039
CMYK	1.00, 0.35, 0.00, 0.20
HSL	201°, 100%, 40%
HSV	201°, 100%, 80%
XYZ	18.8958, 20.5444, 59.4695
YIQ	100.0390, -101.1880, -5.3800

Conversions

Conversions Part 2

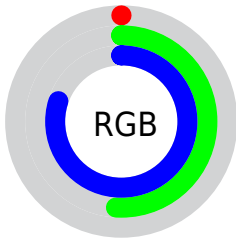
Format	Color
RYB	0, 80, 203
Decimal	33739
CIELab	52.45, -3.21, -45.47
CIELCh	52, 45.585, 265.958
Yxy	20.5444, 0.1910, 0.2077
Android (android.graphics.Color)	4278223819 (0xFF0083CB)
YUV	100.0390, 50.7598, -87.7342
Hunter-Lab	45.3259, -4.9060, -46.0627

Details

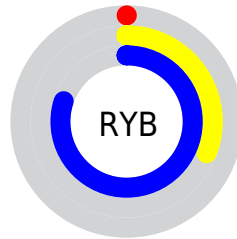
The YUV color **100.0390, 50.7598, -87.7342** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **102.9610, -50.7598, 87.7342**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3800, 43.6897, -59.9693**, and **65.0060, 40.9160, -57.0103** is the 20% darker color. If you saturate the color by 10%, you get **100.0390, 50.7598, -87.7342**, and if you desaturate by 10%, it is **110.1280, 45.7859, -79.0423**.

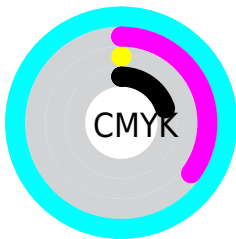
Distribution



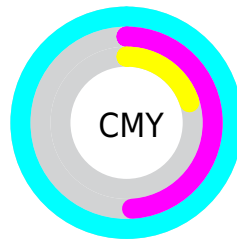
- Red (0%)
- Green (51%)
- Blue (80%)



- Red (0%)
- Yellow (31%)
- Blue (80%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.0390, 50.7598, -87.7342 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 100.0390, 50.7598, -87.7342 by changing the saturation by 10% instead.

■ 100.0390, 50.7598,
-87.7342

■ 100.0390, 50.7598,
-87.7342

255.0000, 0.0000,
0.0000

■ 82.1720, 45.7642,
-72.0648

■ 166.3800, 43.6897,
-59.9693

■ 65.0060, 40.9160,
-57.0103

■ 191.7970, 31.1591,
-54.1960

■ 49.1280, 35.9259,
-43.0853

■ 217.5020, 18.4865,
-49.5523

■ 33.9510, 31.0832,
-29.7750

■ 236.1630, 9.2866,
-38.7310

■ 18.8880, 26.6772,
-16.5648

■ 245.1330, 4.8644,
-20.2876

■ 7.9340, 20.2455,
-6.9581

254.4020, 0.2948,

■ 3.6650, 11.5042,

-1.2296

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 100.0390, 50.7598,
-87.7342

■ 110.1280, 45.7859,
-79.0423

■ 120.5160, 40.6646,
-69.7355

■ 131.1920, 35.4013,
-61.5584

■ 141.2810, 30.4275,
-52.8664

■ 151.6690, 25.3062,
-43.5597

■ 161.7580, 20.3323,
-34.8678

■ 171.8470, 15.3584,
-26.1758

■ 182.5230, 10.0952,
-17.9987

■ 192.9110, 4.9739,
-8.6919

Harmonies

Analogous

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



103.7260, 42.0401, -90.9677



100.0390, 50.7598, -87.7342



126.3050, 34.3596, -7.2835

Triad

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



100.0390, 50.7598, -87.7342



124.3840, -15.4723, 62.8072



110.6100, -15.5837, -41.7540

Complementary

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



100.0390, 50.7598, -87.7342



102.9610, -50.7598, 87.7342

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.



117.6720, -32.8693, -4.0973



100.0390, 50.7598, -87.7342



123.8820, -31.0008, 50.0925

Square

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



100.0390, 50.7598, -87.7342



126.1720, 2.8732, 58.6082



121.3770, -38.6399, 26.8564



97.9800, 9.8699, -85.9285

Rectangle

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



100.0390, 50.7598, -87.7342



128.7880, 25.2475, 22.1109



121.3770, -38.6399, 26.8564



113.2760, -22.3211, -27.4291

Sweetspot

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



100.0390, 50.7598, -87.7342



216.4270, 19.0165, -32.8235



127.2550, -27.7337, -111.6026



104.2670, 11.7004, -19.5282



0.0000, 0.0000, 0.0000



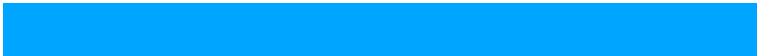
128.0000, 0.0000, 0.0000

Same Dimension

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



100.0390, 50.7598, -87.7342



125.9250, 63.6340, -110.4362



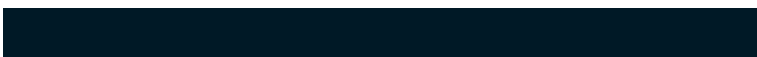
40.7520, 79.9883, -35.7395



96.6620, 2.6316, -4.0886



81.7330, 41.5436, -71.6798



19.0070, 9.3635, -16.6691

Inverse Universe

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



75.6310, 27.2969, 111.7026



95.0550, 34.4829, 140.2718



162.2480, -79.9883, 35.7395



95.6740, 1.1467, 5.5479



61.8320, 22.2678, 91.3553



14.2120, 5.3185, 20.8621

Previews

White Background



This preview shows how the YUV color 100.0390, 50.7598, -87.7342 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 100.0390, 50.7598, -87.7342 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 100.0390, 50.7598, -87.7342 Background



This preview shows how black text looks on a background with the YUV color 100.0390, 50.7598, -87.7342.



This preview shows how white text looks on a background with the YUV color 100.0390, 50.7598, -87.7342.

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

100.0390, 50.7598, -87.7342

Protanopia

123.1460, 35.4240, -22.0530

Deuteranopia

118.7570, 42.0248, -39.2519



Tritanopia

98.4650, 24.4208, -86.3538

Trichromacy



Original Color

100.0390, 50.7598, -87.7342

Protanomaly

114.4850, 41.1729, -46.0293

Deuteranomaly

111.8580, 45.4260, -56.8805

Tritanomaly

98.9840, 34.0249, -86.8090

Monochromacy



Original Color

100.0390, 50.7598, -87.7342

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9110, 18.2849, -31.4939

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.0390, 50.7598, -87.7342 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, 131, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 131, 203)  
}
```

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, 131, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 131, 203) }
```

Border

The CSS property to change the border of an element to YUV 100.0390, 50.7598, -87.7342 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, 131, 203) }
```


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

```
.border{ border-color:rgb(0, 131, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 131, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 131, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 131, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 131,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 100.0390, 50.7598, -87.7342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 131, 203) }
```

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

```
.background{ background-color: rgb(0, 131,  
203) }
```

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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