

Converting Colors

YUV(97.2350, 50.1701,
-85.2751)

Have a look what the booklet for
YUV(97.2350, 50.1701, -85.2751)
contains.

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Color

**YUV(97.2350, 50.1701,
-85.2751)**

Conversions

Conversions Part 1

Format	Color
Hex	007FC7
RGB	0, 127, 199
RGB Percent	0%, 50%, 78%
CMY	1.0000, 0.5020, 0.2196
CMYK	1.00, 0.36, 0.00, 0.22
HSL	202°, 100%, 39%
HSV	202°, 100%, 78%
XYZ	17.8982, 19.3023, 56.8152
YIQ	97.2350, -98.8040, -4.5320

Conversions

Conversions Part 2

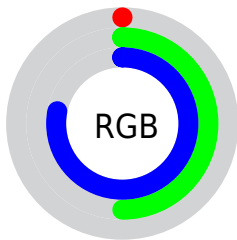
Format	Color
R _{YB}	0, 78, 199
Decimal	32711
CIE _{Lab}	51.04, -2.37, -45.43
CIE _{LCh}	51, 45.492, 267.012
Yxy	19.3023, 0.1904, 0.2053
Android (android.graphics.Color)	4278222791 (0xFF007FC7)
YUV	97.2350, 50.1701, -85.2751
Hunter-Lab	43.9343, -4.1669, -45.9189

Details

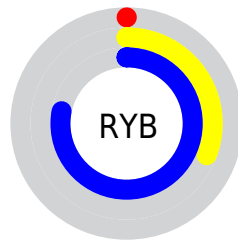
The YUV color **97.2350, 50.1701, -85.2751** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **101.7650, -50.1701, 85.2751**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.1460, 45.2840, -58.0100**, and **62.9030, 40.4738, -55.1659** is the 20% darker color. If you saturate the color by 10%, you get **97.2350, 50.1701, -85.2751**, and if you desaturate by 10%, it is **107.3240, 45.1963, -76.5831**.

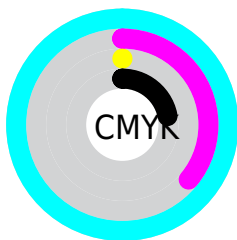
Distribution



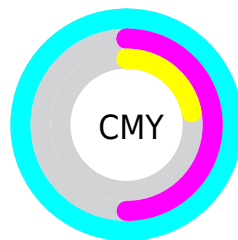
- Red (0%)
- Green (50%)
- Blue (78%)



- Red (0%)
- Yellow (31%)
- Blue (78%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (50%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.2350, 50.1701, -85.2751 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 97.2350, 50.1701, -85.2751 by changing the saturation by 10% instead.

■ 97.2350, 50.1701,
-85.2751

■ 97.2350, 50.1701,
-85.2751

■ 255.0000, 0.0000,
0.0000

■ 79.3680, 45.1746,
-69.6057

■ 163.1460, 45.2840,
-58.0100

■ 62.9030, 40.4738,
-55.1659

■ 189.1500, 32.4641,
-52.7515

■ 46.3240, 35.3363,
-40.6261

■ 214.8550, 19.7915,
-48.1078

■ 31.1470, 30.4935,
-27.3159

■ 235.5650, 9.5815,
-39.9605

■ 15.4970, 26.3770,
-13.5909

■ 244.5350, 5.1592,
-21.5172

■ 7.5920, 18.9351,
-6.6582

■ 253.8040, 0.5896,

■ 3.3230, 10.1938,

-2.4591

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 97.2350, 50.1701,
-85.2751

■ 107.3240, 45.1963,
-76.5831

■ 117.4130, 40.2224,
-67.8912

■ 128.0890, 34.9591,
-59.7141

■ 138.1780, 29.9852,
-51.0221

■ 148.2670, 25.0114,
-42.3302

■ 158.0570, 20.1849,
-34.2530

■ 168.1460, 15.2110,
-25.5610

■ 178.8220, 9.9478,
-17.3839

■ 188.9110, 4.9739,
-8.6919

Harmonies

Analogous

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



101.0360, 41.8873, -88.6086



97.2350, 50.1701, -85.2751



123.0880, 33.4806, -5.3392

Triad

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



97.2350, 50.1701, -85.2751



120.3840, -15.4723, 62.8072



106.2400, -14.4153, -43.1835

Complementary

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



97.2350, 50.1701, -85.2751



101.7650, -50.1701, 85.2751

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.



114.0740, -32.5745, -5.3269



97.2350, 50.1701, -85.2751



120.1700, -31.1428, 48.9629

Square

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



97.2350, 50.1701, -85.2751



122.3570, 2.2890, 59.3229



117.4800, -38.1976, 25.0120



95.4040, 10.1538, -83.6693

Rectangle

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



97.2350, 50.1701, -85.2751



125.2720, 24.5159, 23.4405



117.4800, -38.1976, 25.0120



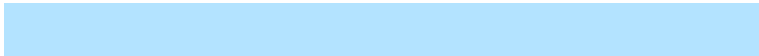
109.7920, -21.5895, -28.7586

Sweetspot

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



97.2350, 50.1701, -85.2751



215.8400, 19.3059, -32.3087



124.7930, -27.0129, -109.4435



104.2670, 11.7004, -19.5282



0.0000, 0.0000, 0.0000



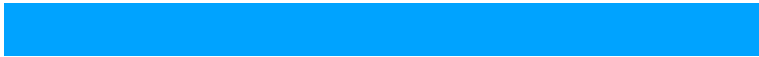
128.0000, 0.0000, 0.0000

Same Dimension

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



97.2350, 50.1701, -85.2751



124.7510, 64.2128, -109.4066



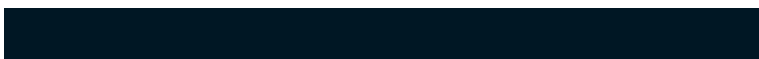
40.2960, 78.2411, -35.3396



94.5480, 2.1948, -3.9886



79.6300, 41.1014, -69.8355



17.6050, 9.0687, -15.4396

Inverse Universe

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



73.9790, 26.1394, 109.6434



94.8270, 33.6093, 140.4717



158.7040, -78.2411, 35.3396



93.3750, 1.2941, 4.9331



60.5930, 21.3997, 89.8109



13.3860, 4.7397, 19.8325

Previews

White Background



This preview shows how the YUV color 97.2350, 50.1701, -85.2751 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 97.2350, 50.1701, -85.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

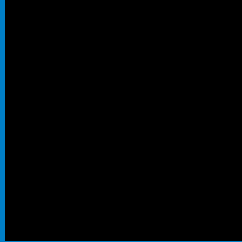
Any Text WCAG AA ✓ Pass

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 97.2350, 50.1701, -85.2751 Background



This preview shows how black text looks on a background with the YUV color 97.2350, 50.1701, -85.2751.



This preview shows how white text looks on a background with the YUV color 97.2350, 50.1701, -85.2751.

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



Protanopia

119.7330, 35.1346, -22.5678

Deuteranopia

115.3440, 41.7354, -39.7667

Tritanopia

95.6610, 23.8311, -83.8947

Trichromacy



Protanomaly

111.6700, 40.5887, -45.3146

Deuteranomaly

109.0430, 44.8418, -56.1657

Tritanomaly

96.1800, 33.4353, -84.3499

Monochromacy



Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.2100, 18.1375, -30.8792

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.2350, 50.1701, -85.2751 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, 127, 199)` looks like.

```
.text, #text, p{  
    color:rgb(0, 127, 199)  
}
```

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, 127, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 127, 199) }
```

Border

The CSS property to change the border of an element to YUV 97.2350, 50.1701, -85.2751 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, 127, 199) }
```

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

```
.border{ border-color:rgb(0, 127, 199) }
```

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

Here you see how a box with a 4 pixel rgb(0, 127, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 127, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 127, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 127,  
199) }
```


Background

The CSS property to change the background color of an element to YUV 97.2350, 50.1701, -85.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 127, 199) }
```

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

```
.background{ background-color: rgb(0, 127,  
199) }
```

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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