

Converting Colors

YUV(97.7370, 62.2477,
-85.7153)

Have a look what the booklet for
YUV(97.7370, 62.2477, -85.7153)
contains.

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Color

**YUV(97.7370, 62.2477,
-85.7153)**

Conversions

Conversions Part 1

Format	Color
Hex	007BE0
RGB	0, 123, 224
RGB Percent	0%, 48%, 88%
CMY	1.0000, 0.5176, 0.1216
CMYK	1.00, 0.45, 0.00, 0.12
HSL	207°, 100%, 44%
HSV	207°, 100%, 88%
XYZ	20.5375, 19.5477, 73.2117
YIQ	97.7370, -105.7290, 5.3350

Conversions

Conversions Part 2

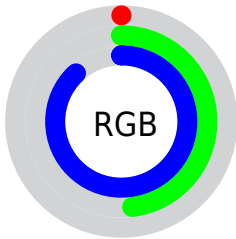
Format	Color
RYB	0, 79, 224
Decimal	31712
CIELab	51.32, 9.85, -59.14
CIELCh	51, 59.958, 279.460
Yxy	19.5477, 0.1813, 0.1725
Android (android.graphics.Color)	4278221792 (0xFF007BE0)
YUV	97.7370, 62.2477, -85.7153
Hunter-Lab	44.2128, 5.5434, -67.2289

Details

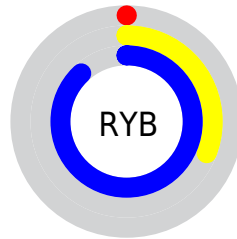
The YUV color **97.7370, 62.2477, -85.7153** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **126.2630, -62.2477, 85.7153**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.8910, 45.4097, -51.6474**, and **63.1770, 51.6777, -55.4062** is the 20% darker color. If you saturate the color by 10%, you get **97.7370, 62.2477, -85.7153**, and if you desaturate by 10%, it is **110.1850, 56.1108, -77.3382**.

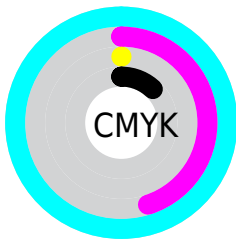
Distribution



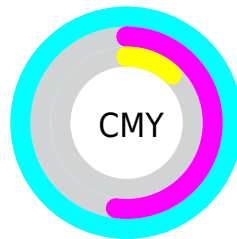
- Red (0%)
- Green (48%)
- Blue (88%)



- Red (0%)
- Yellow (31%)
- Blue (88%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (52%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.7370, 62.2477, -85.7153 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 97.7370, 62.2477, -85.7153 by changing the saturation by 10% instead.

■ 97.7370, 62.2477,
-85.7153

■ 97.7370, 62.2477,
-85.7153

255.0000, 0.0000,
0.0000

■ 80.4570, 56.9627,
-70.5608

■ 162.8910, 45.4097,
-51.6474

■ 63.1770, 51.6777,
-55.4062

■ 188.6070, 32.7317,
-45.2593

■ 47.7720, 45.9614,
-41.8960

■ 214.3120, 20.0592,
-40.6156

■ 33.0680, 40.3925,
-29.0006

■ 238.2560, 8.2548,
-34.4275

■ 16.1300, 36.4179,
-14.1460

■ 247.5250, 3.6852,
-15.3694

■ 11.5190, 26.3661,
-10.1022

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 97.7370, 62.2477,
-85.7153

■ 110.1850, 56.1108,
-77.3382

■ 122.9320, 49.8265,
-68.3464

■ 135.3800, 43.6897,
-59.9693

■ 148.1270, 37.4054,
-50.9774

■ 160.5750, 31.2685,
-42.6003

■ 173.6100, 24.8423,
-34.7380

■ 186.3570, 18.5580,
-25.7461

■ 198.8050, 12.4211,
-17.3690

■ 211.5520, 6.1369,
-8.3771

Harmonies

Analogous

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



105.2710, 55.5754, -92.3227



97.7370, 62.2477, -85.7153



125.3710, 37.7781, 16.3376

Triad

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



97.7370, 62.2477, -85.7153



117.0300, -28.6088, 76.2727



94.1040, -4.9813, -82.5292

Complementary

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



97.7370, 62.2477, -85.7153



126.2630, -62.2477, 85.7153

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.



106.7200, -35.8510, -27.8184



97.7370, 62.2477, -85.7153



116.6160, -51.0827, 51.2028

Square

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



97.7370, 62.2477, -85.7153



116.5020, -4.1915, 84.6287



112.8430, -55.6316, 16.8007



101.4340, 18.0270, -88.9576

Rectangle

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



97.7370, 62.2477, -85.7153



124.2630, 25.0133, 50.6353



112.8430, -55.6316, 16.8007



90.9920, -11.8281, -79.8000

Sweetspot

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



97.7370, 62.2477, -85.7153



212.3180, 21.0422, -29.2199



143.0020, -20.7070, -125.4128



101.9190, 12.8579, -17.4690



0.0000, 0.0000, 0.0000



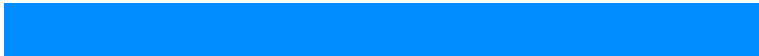
128.0000, 0.0000, 0.0000

Same Dimension

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



97.7370, 62.2477, -85.7153



111.2500, 70.8688, -97.5662



31.9930, 94.6595, -28.0579



105.7760, 3.0684, -4.1886



77.0030, 48.8055, -67.5316



21.3210, 13.1527, -18.6985

Inverse Universe

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



80.9980, 20.7070, 125.4128



92.2050, 23.5629, 142.7712



192.0070, -94.6595, 28.0579



104.9730, 0.9993, 6.1627



63.6820, 16.4258, 98.5029



17.4300, 4.7180, 26.8099

Previews

White Background



This preview shows how the YUV color 97.7370, 62.2477, -85.7153 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 97.7370, 62.2477, -85.7153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

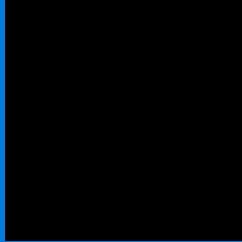
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 97.7370, 62.2477, -85.7153

Background



This preview shows how black text looks on a background with the YUV color 97.7370, 62.2477, -85.7153.



This preview shows how white text looks on a background with the YUV color 97.7370, 62.2477, -85.7153.

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

97.7370, 62.2477, -85.7153

Protanopia

116.0590, 50.7499, -37.7627

Deuteranopia

97.7540, 59.7743, -85.7303



Tritanopia

95.6610, 23.8311, -83.8947

Trichromacy



Original Color

97.7370, 62.2477, -85.7153

Protanomaly

109.3880, 55.0247, -55.5913

Deuteranomaly

97.9820, 60.6479, -85.9302

Tritanomaly

96.6190, 37.6558, -84.7349

Monochromacy



Original Color

97.7370, 62.2477, -85.7153

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.7630, 22.7948, -31.3642

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.7370, 62.2477, -85.7153 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, 123, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 123, 224)  
}
```

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, 123, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 123, 224) }
```

Border

The CSS property to change the border of an element to YUV 97.7370, 62.2477, -85.7153 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, 123, 224) }
```


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

```
.border{ border-color:rgb(0, 123, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 123, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 123, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 123, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 123,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 97.7370, 62.2477, -85.7153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 123, 224) }
```

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

```
.background{ background-color: rgb(0, 123,  
224) }
```

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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