

Converting Colors

YUV(92.4930, 42.1550,
-81.1164)

Have a look what the booklet for
YUV(92.4930, 42.1550, -81.1164)
contains.

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Color

**YUV(92.4930, 42.1550,
-81.1164)**

Conversions

Conversions Part 1

Format	Color
Hex	007BB2
RGB	0, 123, 178
RGB Percent	0%, 48%, 70%
CMY	1.0000, 0.5176, 0.3020
CMYK	1.00, 0.31, 0.00, 0.30
HSL	199°, 100%, 35%
HSV	199°, 100%, 70%
XYZ	15.1188, 17.3803, 44.6774
YIQ	92.4930, -90.9630, -8.9710

Conversions

Conversions Part 2

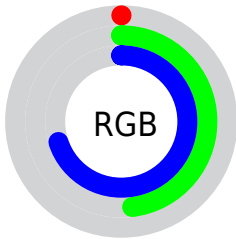
Format	Color
RYB	0, 73, 178
Decimal	31666
CIELab	48.74, -8.12, -37.01
CIELCh	49, 37.886, 257.624
Yxy	17.3803, 0.1959, 0.2252
Android (android.graphics.Color)	4278221746 (0xFF007BB2)
YUV	92.4930, 42.1550, -81.1164
Hunter-Lab	41.6897, -8.2235, -34.3563

Details

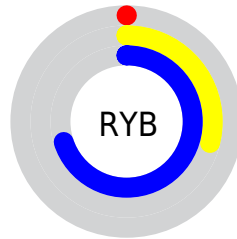
The YUV color **92.4930, 42.1550, -81.1164** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **85.5070, -42.1550, 81.1164**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.9090, 38.0059, -56.9252**, and **58.2750, 32.8954, -51.1072** is the 20% darker color. If you saturate the color by 10%, you get **92.4930, 42.1550, -81.1164**, and if you desaturate by 10%, it is **100.8100, 38.0547, -72.6244**.

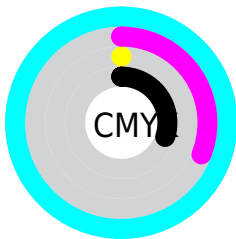
Distribution



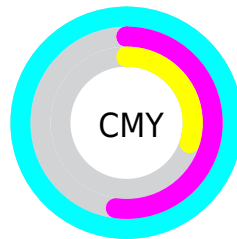
- Red (0%)
- Green (48%)
- Blue (70%)



- Red (0%)
- Yellow (29%)
- Blue (70%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (30%)


















- Cyan (100%)
- Magenta (52%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.4930, 42.1550, -81.1164 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 92.4930, 42.1550, -81.1164 by changing the saturation by 10% instead.

 92.4930, 42.1550, -81.1164	 92.4930, 42.1550, -81.1164
255.0000, 0.0000, 0.0000	 74.7400, 37.5962, -65.5470
 156.9090, 38.0059, -56.9252	 58.2750, 32.8954, -51.1072
 185.0080, 34.5061, -54.3810	 41.9240, 28.6315, -36.7673
 210.4140, 21.9809, -50.3521	 26.7470, 23.7887, -23.4571
 233.1730, 10.7607, -44.8787	 8.9770, 21.7033, -7.8728
 242.1430, 6.3385, -26.4354	 4.5940, 12.5252, -4.0289
 251.4120, 1.7689,	 0.1140, 0.4368,

-7.3773

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 92.4930, 42.1550,
-81.1164

■ 100.8100, 38.0547,
-72.6244

■ 109.7140, 33.6650,
-64.6472

■ 117.7320, 29.7121,
-56.7700

■ 126.6360, 25.3225,
-48.7928

■ 134.9530, 21.2222,
-40.3008

■ 143.8570, 16.8325,
-32.3236

■ 152.7610, 12.4428,
-24.3464

■ 160.7790, 8.4900,
-16.4692

■ 169.0960, 4.3897,
-7.9772

Harmonies

Analogous

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



94.1910, 33.4298, -82.6055



92.4930, 42.1550, -81.1164



115.2130, 30.4610, -16.8498

Triad

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



92.4930, 42.1550, -81.1164



116.6260, -9.1826, 52.0710



106.5630, -17.5326, -23.2958

Complementary

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



92.4930, 42.1550, -81.1164



85.5070, -42.1550, 81.1164

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.



111.0520, -29.1126, 4.3394



92.4930, 42.1550, -81.1164



115.7380, -22.5488, 45.8338

Square

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



92.4930, 42.1550, -81.1164



117.8820, 5.9742, 43.9535



113.5650, -30.3515, 28.4455



94.3910, 3.2582, -65.2409

Rectangle

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



92.4930, 42.1550, -81.1164



118.6570, 23.8331, 9.0708



113.5650, -30.3515, 28.4455



108.3640, -22.3645, -13.4742

Sweetspot

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



92.4930, 42.1550, -81.1164



198.7430, 16.3957, -32.2236



110.5280, -28.3613, -96.9331



96.8110, 9.9532, -19.1282



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



92.4930, 42.1550, -81.1164



120.3680, 55.0346, -105.5627



41.4240, 67.3320, -36.3288



84.5480, 2.1948, -3.9886



79.6640, 36.1546, -69.8653



13.5300, 6.1477, -11.8658

Inverse Universe

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



67.2440, 27.4877, 97.1330



87.6080, 35.6893, 126.6318



136.5760, -67.3320, 36.3288



83.3750, 1.2941, 4.9331



57.8310, 23.7473, 83.4632



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 92.4930, 42.1550, -81.1164 looks on a white 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

Black Background



This preview shows how the YUV color 92.4930, 42.1550, -81.1164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

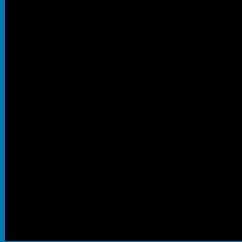
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.4930, 42.1550, -81.1164 Background



This preview shows how black text looks on a background with the YUV color 92.4930, 42.1550, -81.1164.

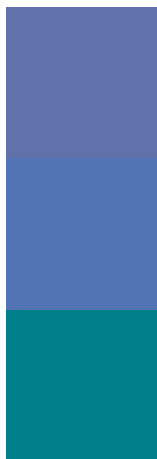


This preview shows how white text looks on a background with the YUV color 92.4930, 42.1550,

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

114.7140, 27.2560, -15.5352

Deuteranopia

112.5430, 33.2563, -26.7862

Tritanopia

90.8680, 23.2361, -79.6912

Trichromacy



Protanomaly

106.9390, 32.5681, -39.4115

Deuteranomaly

105.2200, 36.3735, -46.6739

Tritanomaly

91.4040, 30.3668, -80.1613

Monochromacy



Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.1240, 15.2219, -29.0497

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.4930, 42.1550, -81.1164 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(0, 123, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 123, 178) }
```

Border

The CSS property to change the border of an element to YUV 92.4930, 42.1550, -81.1164 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, 178) }
```

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

```
.border{ border-color:rgb(0, 123, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 123, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 123, 178);  
box-shadow:4px 4px 4px 4px rgb(0, 123,  
178) }
```


Background

The CSS property to change the background color of an element to YUV 92.4930, 42.1550, -81.1164 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, 178) }
```

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

```
.background{ background-color: rgb(0, 123,  
178) }
```

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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