

Converting Colors

YUV(91.9570, 35.0242,
-80.6463)

Have a look what the booklet for
YUV(91.9570, 35.0242, -80.6463)
contains.

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Color

**YUV(91.9570, 35.0242,
-80.6463)**

Conversions

Conversions Part 1

Format	Color
Hex	007DA3
RGB	0, 125, 163
RGB Percent	0%, 49%, 64%
CMY	1.0000, 0.5098, 0.3608
CMYK	1.00, 0.23, 0.00, 0.36
HSL	194°, 100%, 32%
HSV	194°, 100%, 64%
XYZ	13.9445, 17.3116, 37.2568
YIQ	91.9570, -86.6980, -14.6820

Conversions

Conversions Part 2

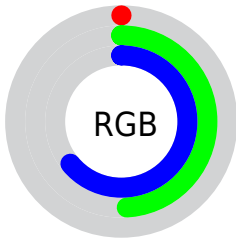
Format	Color
RYB	0, 71, 163
Decimal	32163
CIELab	48.65, -14.96, -28.42
CIElCh	49, 32.116, 242.246
Yxy	17.3116, 0.2035, 0.2527
Android (android.graphics.Color)	4278222243 (0xFF007DA3)
YUV	91.9570, 35.0242, -80.6463
Hunter-Lab	41.6072, -12.9890, -23.9658

Details

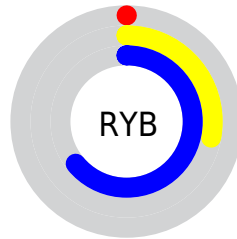
The YUV color **91.9570, 35.0242, -80.6463** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **71.0430, -35.0242, 80.6463**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.6500, 30.7385, -59.3291**, and **57.2660, 26.4909, -50.2223** is the 20% darker color. If you saturate the color by 10%, you get **91.9570, 35.0242, -80.6463**, and if you desaturate by 10%, it is **99.0890, 31.5081, -72.8691**.

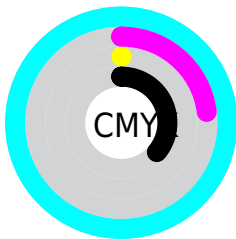
Distribution



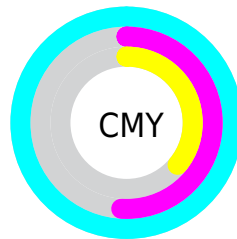
- Red (0%)
- Green (49%)
- Blue (64%)



- Red (0%)
- Yellow (28%)
- Blue (64%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.9570, 35.0242, -80.6463 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 91.9570, 35.0242, -80.6463 by changing the saturation by 10% instead.

91.9570, 35.0242,
-80.6463

91.9570, 35.0242,
-80.6463

255.0000, 0.0000,
0.0000

74.3180, 30.9022,
-65.1769

155.6500, 30.7385,
-59.3291

57.2660, 26.4909,
-50.2223

184.0740, 31.0225,
-57.0699

40.9150, 22.2269,
-35.8825

210.0930, 22.1392,
-54.4556

25.9660, 18.2578,
-22.7722

231.9770, 11.3503,
-47.3378

6.4350, 17.0405,
-5.6435

240.6480, 7.0755,
-29.5093

2.7530, 8.0098,
-2.4144

249.6180, 2.6533,

0.0000, 0.0000,

-11.0660

0.0000

■ 91.9570, 35.0242,
-80.6463

■ 99.0890, 31.5081,
-72.8691

■ 106.5200, 27.8446,
-64.4770

■ 113.0650, 24.6180,
-56.1850

■ 120.1970, 21.1019,
-48.4078

■ 127.6280, 17.4384,
-40.0158

■ 134.7600, 13.9223,
-32.2385

■ 141.8920, 10.4062,
-24.4613

■ 148.4370, 7.1796,
-16.1692

■ 155.8680, 3.5161,
-7.7772

Harmonies

Analogous

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



92.1390, 25.5675, -80.8059



91.9570, 35.0242, -80.6463



111.6690, 28.7572, -30.4047

Triad

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



91.9570, 35.0242, -80.6463



117.9220, -1.4405, 42.1644



109.8640, -20.6390, -6.8967

Complementary

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



91.9570, 35.0242, -80.6463



71.0430, -35.0242, 80.6463

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.



113.5140, -26.3824, 15.3352



91.9570, 35.0242, -80.6463



116.6050, -14.1023, 43.3194

Square

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



91.9570, 35.0242, -80.6463



118.7490, 10.9697, 28.2841



115.1340, -23.2371, 33.2085



105.9130, -8.3381, -32.3727

Rectangle

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



91.9570, 35.0242, -80.6463



116.3730, 24.4661, -7.3431



115.1340, -23.2371, 33.2085



111.2240, -23.2814, 0.6806

Sweetspot

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



91.9570, 35.0242, -80.6463



184.0590, 13.7749, -31.6237



99.6710, -31.8828, -87.4115



90.3550, 8.2060, -18.7283



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



91.9570, 35.0242, -80.6463



119.2620, 45.7198, -104.5928



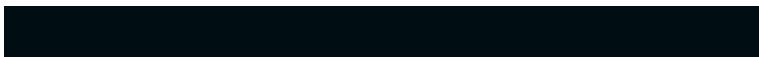
45.5840, 57.8861, -39.9772



78.1350, 1.9054, -4.5034



81.6870, 31.2133, -71.6395



10.2700, 3.8109, -9.0068

Inverse Universe

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



62.9870, 30.5724, 87.7114



81.8560, 39.5110, 114.1363



117.4160, -57.8861, 39.9772



76.4890, 1.7309, 4.8331



56.0090, 27.1106, 78.0451



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 91.9570, 35.0242, -80.6463 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 91.9570, 35.0242, -80.6463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

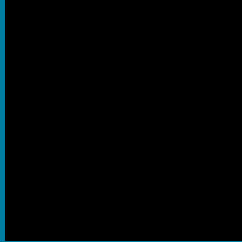
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.9570, 35.0242, -80.6463

Background



This preview shows how black text looks on a background with the YUV color 91.9570, 35.0242, -80.6463.



This preview shows how white text looks on a background with the YUV color 91.9570, 35.0242, -80.6463.

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

115.5700, 18.9460, -10.1469

Deuteranopia

114.5460, 25.3668, -16.2648

Tritanopia

90.8680, 23.2361, -79.6912

Trichromacy



Protanomaly

106.8980, 24.7003, -35.8675

Deuteranomaly

106.3150, 28.9317, -39.7413

Tritanomaly

91.3070, 27.4566, -80.0762

Monochromacy



Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.1410, 12.7485, -29.0647

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.9570, 35.0242, -80.6463 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, 125, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 163)  
}
```

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, 125, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 163) }
```

Border

The CSS property to change the border of an element to YUV 91.9570, 35.0242, -80.6463 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, 125, 163) }
```

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

```
.border{ border-color:rgb(0, 125, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 125, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 125,  
163) }
```


Background

The CSS property to change the background color of an element to YUV 91.9570, 35.0242, -80.6463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 163) }
```

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

```
.background{ background-color: rgb(0, 125,  
163) }
```

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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