

Converting Colors

YUV(91.1590, 31.9666,
-79.9464)

Have a look what the booklet for
YUV(91.1590, 31.9666, -79.9464)
contains.

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Color

**YUV(91.1590, 31.9666,
-79.9464)**

Conversions

Conversions Part 1

Format	Color
Hex	007D9C
RGB	0, 125, 156
RGB Percent	0%, 49%, 61%
CMY	1.0000, 0.5098, 0.3882
CMYK	1.00, 0.20, 0.00, 0.39
HSL	192°, 100%, 31%
HSV	192°, 100%, 61%
XYZ	13.3344, 17.0675, 34.0441
YIQ	91.1590, -84.4510, -16.8590

Conversions

Conversions Part 2

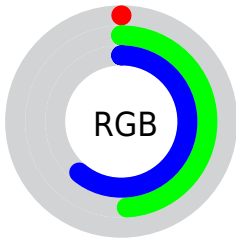
Format	Color
RYB	0, 69, 156
Decimal	32156
CIELab	48.35, -17.54, -24.81
CIELCh	48, 30.382, 234.730
Yxy	17.0675, 0.2069, 0.2648
Android (android.graphics.Color)	4278222236 (0xFF007D9C)
YUV	91.1590, 31.9666, -79.9464
Hunter-Lab	41.3129, -14.6839, -19.9392

Details

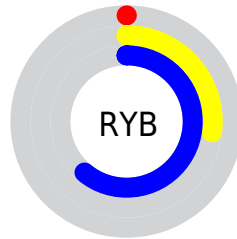
The YUV color **91.1590, 31.9666, -79.9464** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **64.8410, -31.9666, 79.9464**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5530, 27.8284, -59.2440**, and **56.5820, 23.8701, -49.6224** is the 20% darker color. If you saturate the color by 10%, you get **91.1590, 31.9666, -79.9464**, and if you desaturate by 10%, it is **97.7040, 28.7399, -71.6544**.

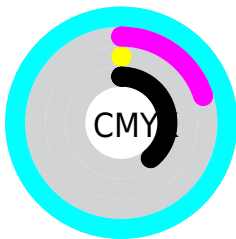
Distribution



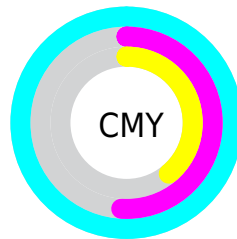
- Red (0%)
- Green (49%)
- Blue (61%)



- Red (0%)
- Yellow (27%)
- Blue (61%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.1590, 31.9666, -79.9464 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 91.1590, 31.9666, -79.9464 by changing the saturation by 10% instead.

■ 91.1590, 31.9666,
-79.9464

■ 91.1590, 31.9666,
-79.9464

■ 255.0000, 0.0000,
0.0000

■ 73.5200, 27.8446,
-64.4770

■ 154.5530, 27.8284,
-59.2440

■ 56.5820, 23.8701,
-49.6224

■ 182.5640, 27.8229,
-57.4996

■ 40.2310, 19.6061,
-35.2826

■ 210.0820, 22.1446,
-56.1999

■ 25.2820, 15.6370,
-22.1723

■ 231.3790, 11.6452,
-48.5674

■ 5.2780, 15.1459,
-4.6288

■ 240.0500, 7.3704,
-30.7388

■ 1.2540, 4.8048,
-1.0998

■ 249.0200, 2.9481,

■ 0.0000, 0.0000,

-12.2955

0.0000

■ 91.1590, 31.9666,
-79.9464

■ 97.7040, 28.7399,
-71.6544

■ 103.9500, 25.6607,
-63.9771

■ 110.4950, 22.4340,
-55.6851

■ 116.7410, 19.3547,
-48.0079

■ 123.8730, 15.8386,
-40.2306

■ 130.4180, 12.6119,
-31.9386

■ 136.6640, 9.5326,
-24.2613

■ 143.2090, 6.3060,
-15.9693

■ 149.4550, 3.2267,
-8.2920

Harmonies

Analogous

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



90.5260, 21.9257, -79.3913



91.1590, 31.9666, -79.9464



108.8100, 28.1947, -36.6674

Triad

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



91.1590, 31.9666, -79.9464



117.5840, 1.1911, 38.0758



110.9680, -21.6762, -0.8489

Complementary

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



91.1590, 31.9666, -79.9464



64.8410, -31.9666, 79.9464

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.



113.2910, -24.7935, 19.0388



91.1590, 31.9666, -79.9464



116.2180, -10.4605, 41.9048

Square

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



91.1590, 31.9666, -79.9464



118.5740, 13.0280, 21.4216



115.2420, -20.3323, 34.8678



106.8710, -11.2754, -23.5659

Rectangle

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



91.1590, 31.9666, -79.9464



114.3290, 24.4878, -14.3205



115.2420, -20.3323, 34.8678



111.5560, -23.4451, 6.5284

Sweetspot

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



91.1590, 31.9666, -79.9464



178.7170, 12.4645, -31.3238



94.8780, -32.4779, -83.2080



86.8280, 7.4798, -19.1432



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



91.1590, 31.9666, -79.9464



118.9370, 41.9361, -104.3077



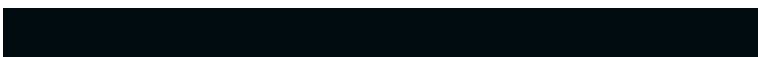
46.5470, 53.9603, -40.8217



75.4340, 1.7580, -3.8886



83.2200, 29.4715, -72.9839



8.7540, 3.0793, -7.6773

Inverse Universe

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



60.8940, 31.6043, 83.4080



79.5780, 41.1270, 109.1181



109.4530, -53.9603, 40.8217



74.0760, 1.4415, 4.3183



55.7530, 28.7158, 76.5156



5.8530, 3.0305, 8.0219

Previews

White Background



This preview shows how the YUV color 91.1590, 31.9666, -79.9464 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 91.1590, 31.9666, -79.9464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

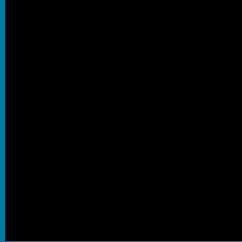
Any Text WCAG AA × Fail

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 91.1590, 31.9666, -79.9464 Background



This preview shows how black text looks on a background with the YUV color 91.1590, 31.9666, -79.9464.



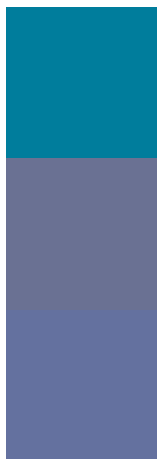
This preview shows how white text looks on a background with the YUV color 91.1590, 31.9666, -79.9464.

-79.9464.

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

91.1590, 31.9666, -79.9464

Protanopia

114.7830, 15.8830, -7.7027

Deuteranopia

114.3570, 22.0090, -12.5911



Tritanopia

90.1670, 23.0887, -79.0765

Trichromacy



Original Color

91.1590, 31.9666, -79.9464

Protanomaly

105.8120, 21.7847, -34.0381

Deuteranomaly

105.8270, 25.7213, -36.6823

Tritanomaly

90.3780, 26.4356, -79.2615

Monochromacy



Original Color

91.1590, 31.9666, -79.9464

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.9130, 11.8749, -28.8647

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.1590, 31.9666, -79.9464 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 156) }
```

Border

The CSS property to change the border of an element to YUV 91.1590, 31.9666, -79.9464 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, 156) }
```


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

```
.border{ border-color:rgb(0, 125, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 125,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 91.1590, 31.9666, -79.9464 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, 156) }
```

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

```
.background{ background-color: rgb(0, 125,  
156) }
```

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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