

Converting Colors

YUV(93.1650, 29.4987,
-81.7057)

Have a look what the booklet for
YUV(93.1650, 29.4987, -81.7057)
contains.

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Color

**YUV(93.1650, 29.4987,
-81.7057)**

Conversions

Conversions Part 1

Format	Color
Hex	008199
RGB	0, 129, 153
RGB Percent	0%, 51%, 60%
CMY	1.0000, 0.4941, 0.4000
CMYK	1.00, 0.16, 0.00, 0.40
HSL	189°, 100%, 30%
HSV	189°, 100%, 60%
XYZ	13.6000, 18.0004, 32.8946
YIQ	93.1650, -84.5880, -19.8840

Conversions

Conversions Part 2

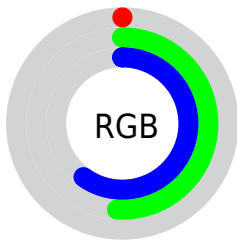
Format	Color
RYB	0, 70, 153
Decimal	33177
CIELab	49.50, -20.79, -21.27
CIELCh	49, 29.749, 225.655
Yxy	18.0004, 0.2109, 0.2791
Android (android.graphics.Color)	4278223257 (0xFF008199)
YUV	93.1650, 29.4987, -81.7057
Hunter-Lab	42.4269, -17.0286, -16.2702

Details

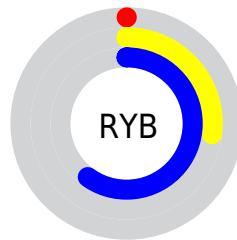
The YUV color **93.1650, 29.4987, -81.7057** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **59.8350, -29.4987, 81.7057**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4450, 24.9236, -60.9033**, and **58.0010, 21.6915, -50.8669** is the 20% darker color. If you saturate the color by 10%, you get **93.1650, 29.4987, -81.7057**, and if you desaturate by 10%, it is **98.8240, 26.7088, -73.5136**.

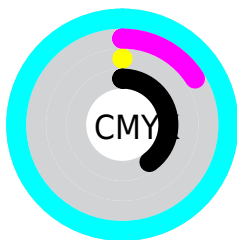
Distribution



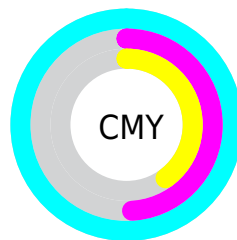
- Red (0%)
- Green (51%)
- Blue (60%)



- Red (0%)
- Yellow (27%)
- Blue (60%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.1650, 29.4987, -81.7057 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 93.1650, 29.4987, -81.7057 by changing the saturation by 10% instead.

■ 93.1650, 29.4987,
-81.7057

■ 93.1650, 29.4987,
-81.7057

■ 255.0000, 0.0000,
0.0000

■ 75.5260, 25.3767,
-66.2363

■ 156.4450, 24.9236,
-60.9033

■ 58.0010, 21.6915,
-50.8669

■ 185.1570, 25.0656,
-59.7737

■ 41.7640, 17.8643,
-36.6270

■ 212.4300, 20.9870,
-58.2591

■ 26.8150, 13.8952,
-23.5168

■ 231.0800, 11.7926,
-49.1822

■ 5.0500, 14.2723,
-4.4289

■ 240.0500, 7.3704,
-30.7388

■ 0.9120, 3.4944,
-0.7998

■ 249.0200, 2.9481,

■ 0.0000, 0.0000,

-12.2955

0.0000

■ 93.1650, 29.4987,
-81.7057

■ 98.8240, 26.7088,
-73.5136

■ 105.3690, 23.4821,
-65.2216

■ 111.0280, 20.6922,
-57.0296

■ 117.2740, 17.6129,
-49.3523

■ 123.2320, 14.6756,
-40.5455

■ 128.8910, 11.8857,
-32.3534

■ 135.1370, 8.8065,
-24.6761

■ 140.7960, 6.0166,
-16.4841

■ 147.3410, 2.7899,
-8.1921

Harmonies

Analogous

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



96.8000, 16.3676, -69.9846



93.1650, 29.4987, -81.7057



109.0540, 28.0744, -44.7744

Triad

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



93.1650, 29.4987, -81.7057



120.5880, 5.1331, 33.6873



114.3710, -22.8609, 5.8136

Complementary

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



93.1650, 29.4987, -81.7057



59.8350, -29.4987, 81.7057

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.



116.9650, -23.6467, 24.5867



93.1650, 29.4987, -81.7057



119.4290, -7.1135, 41.7198

Square

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



93.1650, 29.4987, -81.7057



120.6270, 15.9599, 14.3591



118.0620, -17.2856, 37.6566



111.5900, -15.0809, -16.3034

Rectangle

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



93.1650, 29.4987, -81.7057



115.3170, 25.9727, -23.9570



118.0620, -17.2856, 37.6566



115.7740, -24.0456, 12.4762

Sweetspot

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



93.1650, 29.4987, -81.7057



175.7770, 11.4489, -32.2534



92.4330, -34.2305, -81.0637



85.6000, 6.6062, -18.9432



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



93.1650, 29.4987, -81.7057



121.3020, 38.3051, -106.3819



49.1400, 51.2030, -43.0958



73.4340, 1.7580, -3.8886



85.2260, 27.0036, -74.7432



7.9390, 2.4951, -6.9625

Inverse Universe

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



60.4530, 33.7937, 81.1637



78.6530, 44.0481, 105.5443



103.8600, -51.2030, 43.0958



72.0760, 1.4415, 4.3183



55.3120, 30.9052, 74.2714



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 93.1650, 29.4987, -81.7057 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 93.1650, 29.4987, -81.7057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

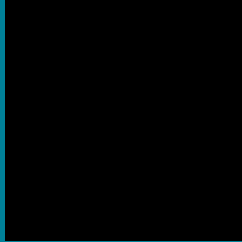
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 93.1650, 29.4987, -81.7057

Background



This preview shows how black text looks on a background with the YUV color 93.1650, 29.4987, -81.7057.

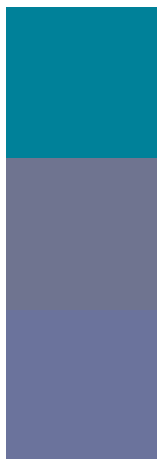


This preview shows how white text looks on a background with the YUV color 93.1650, 29.4987,

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

93.1650, 29.4987, -81.7057

Protanopia

117.6970, 12.9674, -5.8733

Deuteranopia

117.2820, 19.0880, -9.0173



Tritanopia

92.3840, 23.9677, -81.0208

Trichromacy



Original Color

93.1650, 29.4987, -81.7057

Protanomaly

109.0140, 18.7271, -33.3383

Deuteranomaly

108.4420, 22.9531, -35.4676

Tritanomaly

92.8400, 25.7149, -81.4207

Monochromacy



Original Color

93.1650, 29.4987, -81.7057

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9730, 10.8593, -29.7943

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.1650, 29.4987, -81.7057 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, 129, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 129, 153)  
}
```

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, 129, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 129, 153) }
```

Border

The CSS property to change the border of an element to YUV 93.1650, 29.4987, -81.7057 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, 129, 153) }
```


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

```
.border{ border-color:rgb(0, 129, 153) }
```

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

Here you see how a box with a 4 pixel rgb(0, 129, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 129, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 129, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 129,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 93.1650, 29.4987, -81.7057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 129, 153) }
```

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

```
.background{ background-color: rgb(0, 129,  
153) }
```

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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