

Converting Colors

YUV(90.2640, 25.9988,
-79.1615)

Have a look what the booklet for
YUV(90.2640, 25.9988, -79.1615)
contains.

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Color

**YUV(90.2640, 25.9988,
-79.1615)**

Conversions

Conversions Part 1

Format	Color
Hex	007E8F
RGB	0, 126, 143
RGB Percent	0%, 49%, 56%
CMY	1.0000, 0.5059, 0.4392
CMYK	1.00, 0.12, 0.00, 0.44
HSL	187°, 100%, 28%
HSV	187°, 100%, 56%
XYZ	12.4188, 16.9049, 28.5950
YIQ	90.2640, -80.5530, -21.4250

Conversions

Conversions Part 2

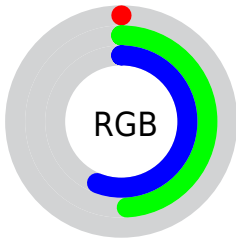
Format	Color
RYB	0, 67, 143
Decimal	32399
CIELab	48.14, -22.75, -17.49
CIELCh	48, 28.695, 217.558
Yxy	16.9049, 0.2144, 0.2919
Android (android.graphics.Color)	4278222479 (0xFF007E8F)
YUV	90.2640, 25.9988, -79.1615
Hunter-Lab	41.1155, -18.0370, -12.4541

Details

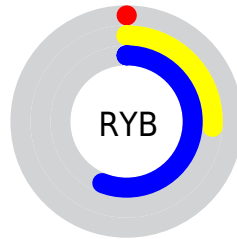
The YUV color **90.2640, 25.9988, -79.1615** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **52.7360, -25.9988, 79.1615**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.6470, 21.8660, -60.2034**, and **55.8010, 18.3391, -48.9375** is the 20% darker color. If you saturate the color by 10%, you get **90.2640, 25.9988, -79.1615**, and if you desaturate by 10%, it is **95.6240, 23.3564, -71.5842**.

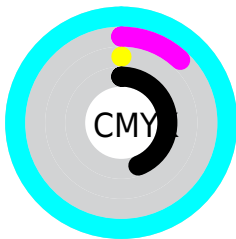
Distribution



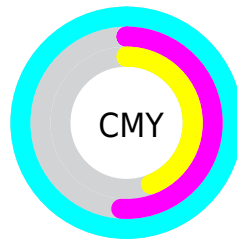
- Red (0%)
- Green (49%)
- Blue (56%)



- Red (0%)
- Yellow (26%)
- Blue (56%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.2640, 25.9988, -79.1615 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 90.2640, 25.9988, -79.1615 by changing the saturation by 10% instead.

90.2640, 25.9988,
-79.1615

90.2640, 25.9988,
-79.1615

255.0000, 0.0000,
0.0000

72.6250, 21.8769,
-63.6921

152.6470, 21.8660,
-60.2034

55.8010, 18.3391,
-48.9375

181.2450, 21.5712,
-58.9739

38.9770, 14.8013,
-34.1828

209.5440, 21.4238,
-58.3591

24.7290, 10.9796,
-21.6873

230.1830, 12.2348,
-51.0265

3.5510, 11.0674,
-3.1142

239.1530, 7.8126,
-32.5832

0.0000, 0.0000,
0.0000

247.8240, 3.5378,

-14.7546

■ 90.2640, 25.9988,
-79.1615

■ 95.6240, 23.3564,
-71.5842

■ 100.6960, 20.8559,
-62.8774

■ 106.0560, 18.2134,
-55.3001

■ 111.4160, 15.5709,
-47.7228

■ 117.0750, 12.7810,
-39.5308

■ 121.8480, 10.4279,
-31.4387

■ 127.2080, 7.7855,
-23.8614

■ 132.5680, 5.1430,
-16.2841

■ 137.6400, 2.6425,
-7.5773

Harmonies

Analogous

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



97.7970, 10.9461, -57.7040



90.2640, 25.9988, -79.1615



103.0810, 27.0751, -50.9370

Triad

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



90.2640, 25.9988, -79.1615



117.5380, 7.6228, 28.4692



112.1050, -22.7298, 10.4319

Complementary

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



90.2640, 25.9988, -79.1615



52.7360, -25.9988, 79.1615

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.



113.5570, -21.4736, 27.5755



90.2640, 25.9988, -79.1615



116.3300, -3.6137, 39.1756

Square

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



90.2640, 25.9988, -79.1615



117.0390, 17.7288, 6.9818



115.4580, -14.5228, 38.1863



109.4660, -16.9917, -10.0557

Rectangle

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



90.2640, 25.9988, -79.1615



109.5720, 25.8470, -30.3196



115.4580, -14.5228, 38.1863



112.6220, -23.4776, 16.9945

Sweetspot

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



90.2640, 25.9988, -79.1615



165.7340, 9.9911, -31.3387



85.8790, -33.9573, -75.3159



81.4860, 6.1694, -18.8432



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



90.2640, 25.9988, -79.1615



117.4720, 33.7843, -103.0229



48.5870, 46.5456, -42.6108



68.9070, 1.0318, -4.3034



85.2430, 24.5302, -74.7581



5.0210, 1.4686, -4.4034

Inverse Universe

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



57.1210, 33.9573, 75.3159



74.3100, 44.2172, 97.9521



94.4130, -46.5456, 42.6108



66.8910, 2.0257, 3.6036



53.9310, 32.0790, 71.0975



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 90.2640, 25.9988, -79.1615 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 90.2640, 25.9988, -79.1615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

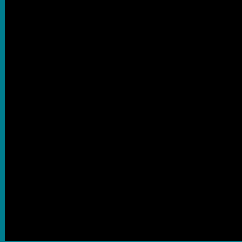
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.2640, 25.9988, -79.1615

Background



This preview shows how black text looks on a background with the YUV color 90.2640, 25.9988, -79.1615.



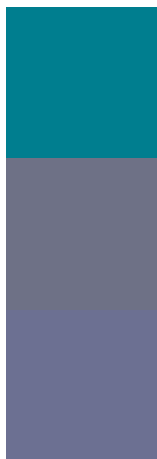
This preview shows how white text looks on a background with the YUV color 90.2640, 25.9988,

-79.1615.

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

90.2640, 25.9988, -79.1615

Protanopia

114.4970, 9.6150, -3.9439

Deuteranopia

114.6800, 15.4408, -5.8584



Tritanopia

90.1670, 23.0887, -79.0765

Trichromacy



Original Color

90.2640, 25.9988, -79.1615

Protanomaly

105.8140, 15.3747, -31.4089

Deuteranomaly

105.8400, 19.3059, -32.3087

Tritanomaly

90.3950, 23.9623, -79.2764

Monochromacy



Original Color

90.2640, 25.9988, -79.1615

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9300, 9.4015, -28.8796

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.2640, 25.9988, -79.1615 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, 126, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 143)  
}
```

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, 126, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 143) }
```

Border

The CSS property to change the border of an element to YUV 90.2640, 25.9988, -79.1615 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, 126, 143) }
```


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

```
.border{ border-color:rgb(0, 126, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 126, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 90.2640, 25.9988, -79.1615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 143) }
```

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

```
.background{ background-color: rgb(0, 126,  
143) }
```

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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