

Converting Colors

YUV(113.7560, 29.7003,
-99.7640)

Have a look what the booklet for
YUV(113.7560, 29.7003, -99.7640)
contains.

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Color

**YUV(113.7560, 29.7003,
-99.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	00A0AE
RGB	0, 160, 174
RGB Percent	0%, 63%, 68%
CMY	1.0000, 0.3725, 0.3176
CMYK	1.00, 0.08, 0.00, 0.32
HSL	185°, 100%, 34%
HSV	185°, 100%, 68%
XYZ	20.2108, 28.1976, 44.4219
YIQ	113.7560, -99.8540, -29.5660

Conversions

Conversions Part 2

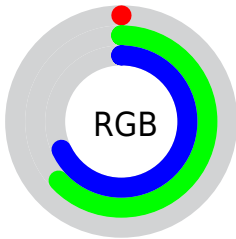
Format	Color
RYB	0, 83, 174
Decimal	41134
CIELab	60.07, -29.44, -17.18
CIELCh	60, 34.087, 210.275
Yxy	28.1976, 0.2177, 0.3038
Android (android.graphics.Color)	4278231214 (0xFF00A0AE)
YUV	113.7560, 29.7003, -99.7640
Hunter-Lab	53.1014, -24.9891, -12.4279

Details

The YUV color **113.7560, 29.7003, -99.7640** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **60.2440, -29.7003, 99.7640**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7160, 23.8040, -75.1729**, and **77.3040, 22.0351, -67.7956** is the 20% darker color. If you saturate the color by 10%, you get **113.7560, 29.7003, -99.7640**, and if you desaturate by 10%, it is **119.4260, 26.9050, -89.8276**.

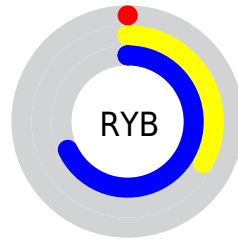
Distribution



Red (0%)

Green (63%)

Blue (68%)



Red (0%)

Yellow (33%)

Blue (68%)

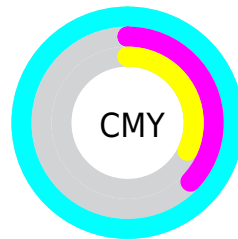


Cyan (100%)

Magenta (8%)

Yellow (0%)

Black (32%)



Cyan (100%)

Magenta (37%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7560, 29.7003, -99.7640 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 113.7560, 29.7003, -99.7640 by changing the saturation by 10% instead.

■ 113.7560, 29.7003,
-99.7640

■ 113.7560, 29.7003,
-99.7640

■ 255.0000, 0.0000,
0.0000

■ 95.4160, 25.4309,
-83.6798

■ 180.7160, 23.8040,
-75.1729

■ 77.3040, 22.0351,
-67.7956

■ 209.9720, 22.1988,
-73.6434

■ 59.7790, 18.3500,
-52.4262

■ 225.6980, 14.4459,
-60.2481

■ 43.5420, 14.5228,
-38.1863

■ 234.6680, 10.0237,
-41.8048

■ 28.0060, 10.8430,
-24.5613

■ 243.6380, 5.6015,
-23.3615

■ 4.5940, 12.5252,
-4.0289

■ 252.9070, 1.0318,

■ 0.0000, 0.0000,

-4.3034

0.0000

■ 113.7560, 29.7003,
-99.7640

■ 119.4260, 26.9050,
-89.8276

■ 125.9820, 23.6729,
-79.7912

■ 131.6520, 20.8776,
-69.8548

■ 138.2080, 17.6455,
-59.8184

■ 143.8780, 14.8501,
-49.8820

■ 149.5480, 12.0548,
-39.9456

■ 156.1040, 8.8227,
-29.9092

■ 161.7740, 6.0274,
-19.9728

■ 168.3300, 2.7953,
-9.9364

Harmonies

Analogous

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



127.3680, 8.1996, -63.4667



113.7560, 29.7003, -99.7640



127.0720, 33.9815, -72.8541

Triad

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



113.7560, 29.7003, -99.7640



149.2160, 12.7115, 29.6286



142.5530, -28.8666, 18.8090

Complementary

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



113.7560, 29.7003, -99.7640



60.2440, -29.7003, 99.7640

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.



144.8850, -25.5793, 37.8119



113.7560, 29.7003, -99.7640



147.7700, -0.8726, 46.6827

Square

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



113.7560, 29.7003, -99.7640



147.1290, 24.5864, 0.7639



146.4100, -14.9921, 48.7524



139.4790, -23.4071, -5.6821

Rectangle

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



113.7560, 29.7003, -99.7640



136.5960, 32.7372, -47.0037



146.4100, -14.9921, 48.7524



143.5970, -28.8883, 25.7864

Sweetspot

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



113.7560, 29.7003, -99.7640



203.1460, 11.7600, -38.7160



103.5060, -45.1125, -90.7748



100.0940, 7.3487, -23.7614



242.0000, 0.0000, 0.0000



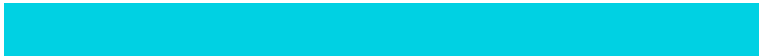
115.0000, 0.0000, 0.0000

Same Dimension

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



113.7560, 29.7003, -99.7640



148.5610, 38.6704, -130.2880



63.8610, 54.2985, -56.0061



83.7220, 1.6161, -5.0182



98.1060, 25.5837, -86.0390



14.9490, 3.9691, -13.1103

Inverse Universe

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



70.2660, 44.2389, 90.9747



91.6990, 57.8294, 118.6590



110.1390, -54.2985, 56.0061



81.6030, 2.1677, 4.7332



60.5820, 38.1671, 78.4196



9.2710, 5.7824, 12.0403

Previews

White Background



This preview shows how the YUV color 113.7560, 29.7003, -99.7640 looks on a white 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

Black Background



This preview shows how the YUV color 113.7560, 29.7003, -99.7640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

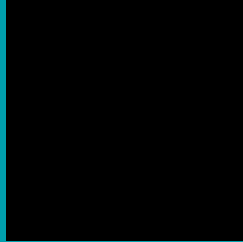
Any Text WCAG AA ✓ Pass

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 113.7560, 29.7003, -99.7640 Background



This preview shows how black text looks on a background with the YUV color 113.7560, 29.7003, -99.7640.

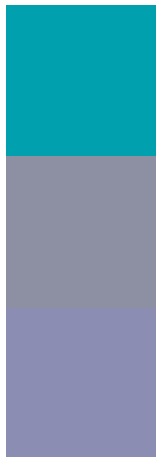


This preview shows how white text looks on a background with the YUV color 113.7560, 29.7003, -99.7640.

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

113.7560, 29.7003, -99.7640

Protanopia

144.6820, 9.0308, -3.2291

Deuteranopia

144.9190, 16.3089, -4.3140



Tritanopia

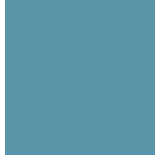
113.6420, 29.2635, -99.6640

Trichromacy



Original Color

113.7560, 29.7003, -99.7640



Protanomaly

133.4110, 16.5594, -38.0714



Deuteranomaly

133.6650, 21.3642, -39.1712



Tritanomaly

113.6420, 29.2635, -99.6640

Monochromacy



Original Color

113.7560, 29.7003, -99.7640



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

114.2280, 10.7336, -36.1570

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7560, 29.7003, -99.7640 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, 160, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 174)  
}
```

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, 160, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 174) }
```

Border

The CSS property to change the border of an element to YUV 113.7560, 29.7003, -99.7640 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, 160, 174) }
```


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

```
.border{ border-color:rgb(0, 160, 174) }
```

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

Here you see how a box with a 4 pixel rgb(0, 160, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 160,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 113.7560, 29.7003, -99.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 174) }
```

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

```
.background{ background-color: rgb(0, 160,  
174) }
```

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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