

Converting Colors

YUV(103.3380, 30.3994,
-90.6274)

Have a look what the booklet for
YUV(103.3380, 30.3994, -90.6274)
contains.

YUV(103.3380, 30.3994, -90.6274)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(103.3380, 30.3994,
-90.6274)**

Conversions

Conversions Part 1

Format	Color
Hex	0090A5
RGB	0, 144, 165
RGB Percent	0%, 56%, 65%
CMY	1.0000, 0.4353, 0.3529
CMYK	1.00, 0.13, 0.00, 0.35
HSL	188°, 100%, 32%
HSV	188°, 100%, 65%
XYZ	16.7648, 22.6631, 39.0881
YIQ	103.3380, -92.5650, -23.9970

Conversions

Conversions Part 2

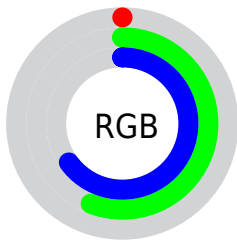
Format	Color
RYB	0, 77, 165
Decimal	37029
CIELab	54.72, -24.44, -20.21
CIELCh	55, 31.707, 219.587
Yxy	22.6631, 0.2135, 0.2886
Android (android.graphics.Color)	4278227109 (0xFF0090A5)
YUV	103.3380, 30.3994, -90.6274
Hunter-Lab	47.6058, -20.4499, -15.3577

Details

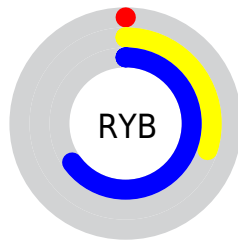
The YUV color **103.3380, 30.3994, -90.6274** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **61.6620, -30.3994, 90.6274**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5150, 25.3821, -67.9807**, and **67.4730, 22.4448, -59.1738** is the 20% darker color. If you saturate the color by 10%, you get **103.3380, 30.3994, -90.6274**, and if you desaturate by 10%, it is **109.2960, 27.4621, -81.8206**.

Distribution



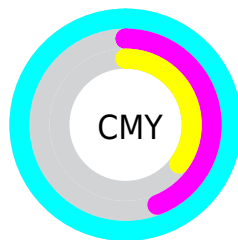
- Red (0%)
- Green (56%)
- Blue (65%)



- Red (0%)
- Yellow (30%)
- Blue (65%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.3380, 30.3994, -90.6274 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 103.3380, 30.3994, -90.6274 by changing the saturation by 10% instead.

■ 103.3380, 30.3994,
-90.6274

■ 103.3380, 30.3994,
-90.6274

■ 255.0000, 0.0000,
0.0000

■ 85.1120, 26.5668,
-74.6432

■ 168.5150, 25.3821,
-67.9807

■ 67.4730, 22.4448,
-59.1738

■ 197.5260, 25.3767,
-66.2363

■ 50.6490, 18.9070,
-44.4192

■ 224.2030, 15.1829,
-63.3220

■ 34.4120, 15.0799,
-30.1793

■ 232.8740, 10.9081,
-45.4935

■ 20.7510, 10.9688,
-18.1986

■ 241.8440, 6.4859,
-27.0502

■ 3.0950, 9.3202,
-2.7143

■ 251.1130, 1.9163,

■ 0.0000, 0.0000,

-7.9921

0.0000

■ 103.3380, 30.3994,
-90.6274

■ 109.2960, 27.4621,
-81.8206

■ 115.5530, 24.3774,
-72.3990

■ 121.8100, 21.2927,
-62.9774

■ 127.7680, 18.3554,
-54.1705

■ 133.7260, 15.4181,
-45.3637

■ 140.5700, 12.0440,
-36.4569

■ 146.5280, 9.1067,
-27.6501

■ 152.7850, 6.0220,
-18.2284

■ 158.7430, 3.0847,
-9.4216

Harmonies

Analogous

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



112.0130, 13.3046, -67.5404



103.3380, 30.3994, -90.6274



119.0850, 31.0171, -55.3255

Triad

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



103.3380, 30.3994, -90.6274



134.3860, 8.1907, 32.9875



128.0080, -25.6399, 10.5170

Complementary

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



103.3380, 30.3994, -90.6274



61.6620, -30.3994, 90.6274

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.



130.6560, -24.9734, 30.1197



103.3380, 30.3994, -90.6274



133.0210, -4.9404, 44.7086

Square

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



103.3380, 30.3994, -90.6274



134.1040, 19.1757, 9.5558



132.0950, -17.3018, 42.8897



125.1020, -18.2913, -13.2445

Rectangle

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



103.3380, 30.3994, -90.6274



126.6580, 28.7626, -32.1491



132.0950, -17.3018, 42.8897



128.9380, -26.0984, 17.5944

Sweetspot

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



103.3380, 30.3994, -90.6274



190.1680, 11.7492, -35.2273



99.0210, -39.4504, -86.8414



92.7030, 7.0484, -20.7875



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.



103.3380, 30.3994, -90.6274



134.1650, 39.3587, -117.6627



55.7910, 53.8400, -48.9287



78.7220, 1.6161, -5.0182



91.0790, 26.5831, -79.8763



11.4440, 3.2321, -10.0364

Inverse Universe

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



65.7510, 38.5768, 87.0414



85.3040, 50.1361, 112.8664



109.2090, -53.8400, 48.9287



76.6030, 2.1677, 4.7332



57.8330, 34.0993, 76.4455



7.2060, 4.3354, 9.4663

Previews

White Background



This preview shows how the YUV color 103.3380, 30.3994, -90.6274 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 103.3380, 30.3994, -90.6274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

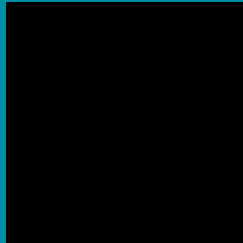
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 103.3380, 30.3994, -90.6274

Background



This preview shows how black text looks on a background with the YUV color 103.3380, 30.3994, -90.6274.

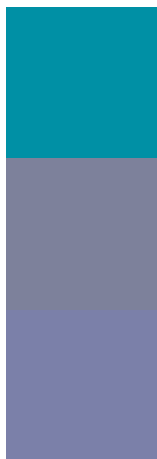


This preview shows how white text looks on a background with the YUV color 103.3380, 30.3994,

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

103.3380, 30.3994, -90.6274

Protanopia

130.7680, 11.9464, -5.0585

Deuteranopia

131.1790, 18.6458, -7.1730



Tritanopia

103.0130, 26.6156, -90.3424

Trichromacy



Original Color

103.3380, 30.3994, -90.6274

Protanomaly

120.7040, 18.8799, -35.6974

Deuteranomaly

121.1320, 23.1059, -37.8268

Tritanomaly

103.3550, 27.9260, -90.6423

Monochromacy



Original Color

103.3380, 30.3994, -90.6274

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.3640, 11.1595, -32.7682

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3380, 30.3994, -90.6274 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, 144, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 144, 165)  
}
```

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, 144, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 144, 165) }
```

Border

The CSS property to change the border of an element to YUV 103.3380, 30.3994, -90.6274 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, 144, 165) }
```


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

```
.border{ border-color:rgb(0, 144, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 144, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 144, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 144, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 144,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 103.3380, 30.3994, -90.6274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 144, 165) }
```

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

```
.background{ background-color: rgb(0, 144,  
165) }
```

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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