

Converting Colors

YUV(97.6080, 20.8993,
-76.8322)

Have a look what the booklet for
YUV(97.6080, 20.8993, -76.8322)
contains.

YUV(97.6080, 20.8993, -76.8322)	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(97.6080, 20.8993,
-76.8322)**

Conversions

Conversions Part 1

Format	Color
Hex	0A868C
RGB	10, 134, 140
RGB Percent	4%, 53%, 55%
CMY	0.9608, 0.4745, 0.4510
CMYK	0.93, 0.04, 0.00, 0.45
HSL	183°, 87%, 29%
HSV	183°, 93%, 55%
XYZ	13.3839, 19.0082, 27.7745
YIQ	97.6080, -75.8300, -24.4220

Conversions

Conversions Part 2

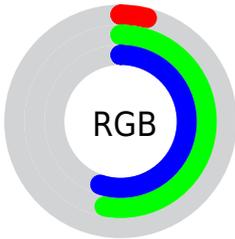
Format	Color
R_{YB}	10, 73, 140
Decimal	689804
CIE _{Lab}	50.70, -27.36, -11.85
CIE _{LCh}	51, 29.814, 203.412
Yxy	19.0082, 0.2224, 0.3159
Android (android.graphics.Color)	4278879884 (0xFF0A868C)
YUV	97.6080, 20.8993, -76.8322
Hunter-Lab	43.5984, -21.5009, -7.2520

Details

The YUV color **97.6080, 20.8993, -76.8322** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **52.3920, -20.8993, 76.8322**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7840, 17.3615, -62.0776**, and **59.5680, 15.0030, -52.2411** is the 20% darker color. If you saturate the color by 10%, you get **94.6180, 22.3733, -82.9800**, and if you desaturate by 10%, it is **102.3810, 18.5462, -68.7401**.

Distribution



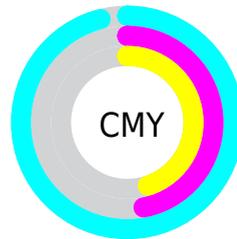
- Red (4%)
- Green (53%)
- Blue (55%)



- Red (4%)
- Yellow (29%)
- Blue (55%)



- Cyan (93%)
- Magenta (4%)
- Yellow (0%)
- Black (45%)



- Cyan (96%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.6080, 20.8993, -76.8322 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 97.6080, 20.8993, -76.8322 by changing the saturation by 10% instead.

■ 97.6080, 20.8993,
-76.8322

■ 97.6080, 20.8993,
-76.8322

■ 255.0000, 0.0000,
0.0000

■ 76.5060, 18.9775,
-67.0958

■ 158.7840, 17.3615,
-62.0776

■ 59.5680, 15.0030,
-52.2411

■ 186.9690, 16.7773,
-61.3628

■ 42.8580, 11.9020,
-37.5865

■ 215.3820, 17.0667,
-60.8480

■ 27.3220, 8.2223,
-23.9614

■ 231.0800, 11.7926,
-49.1822

■ 6.3720, 9.1836,
-5.5882

■ 240.0500, 7.3704,
-30.7388

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,

-12.9103

■ 97.6080, 20.8993,
-76.8322

■ 97.6080, 20.8993,
-76.8322

■ 94.6180, 22.3733,
-82.9800

■ 102.3810, 18.5462,
-68.7401

■ 106.5670, 16.4825,
-60.1333

■ 111.3400, 14.1294,
-52.0412

■ 116.1130, 11.7763,
-43.9491

■ 120.2990, 9.7126,
-35.3422

■ 125.0720, 7.3595,
-27.2501

■ 129.8450, 5.0064,
-19.1581

■ 134.0310, 2.9427,
-10.5512

■ 138.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



107.5010, 3.2040, -47.7974



97.6080, 20.8993, -76.8322



102.4270, 28.8765, -68.7805

Triad

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



97.6080, 20.8993, -76.8322



123.9760, 13.3228, 20.1920



119.1170, -24.2147, 20.0684

Complementary

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



97.6080, 20.8993, -76.8322



52.3920, -20.8993, 76.8322

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.



120.7690, -19.6061, 35.2826



97.6080, 20.8993, -76.8322



123.3990, 1.7753, 37.3611

Square

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



97.6080, 20.8993, -76.8322



121.5150, 22.4241, -5.7137



122.3320, -10.0237, 41.8048



116.6800, -21.5342, 0.2806

Rectangle

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



97.6080, 20.8993, -76.8322



111.1570, 28.5166, -46.6187



122.3320, -10.0237, 41.8048



119.9760, -23.6522, 26.3310

Sweetspot

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



97.6080, 20.8993, -76.8322



164.5770, 8.0965, -30.3240



86.7660, -35.8736, -67.3238



81.5570, 5.1484, -18.0285



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



97.6080, 20.8993, -76.8322



122.1850, 28.9958, -107.1562



60.6270, 39.1309, -44.3999



66.9070, 1.0318, -4.3034



89.1240, 21.6309, -78.1617



3.5050, 0.7370, -3.0739

Inverse Universe

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



63.0060, 35.0000, 67.5237



73.8410, 48.8854, 93.9784



89.3730, -39.1309, 44.3999



64.8910, 2.0257, 3.6036



54.1310, 35.4314, 69.1681



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 97.6080, 20.8993, -76.8322 looks on a white background.

Color Contrast Check

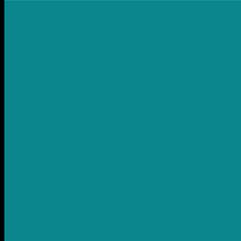
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.6080, 20.8993, -76.8322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

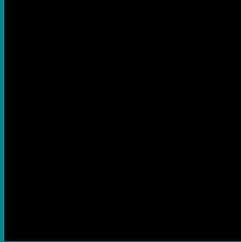
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

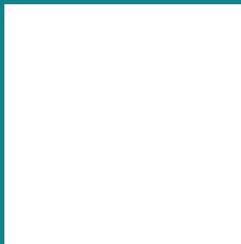
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 97.6080, 20.8993, -76.8322

Background



This preview shows how black text looks on a background with the YUV color 97.6080, 20.8993, -76.8322.



This preview shows how white text looks on a background with the YUV color 97.6080, 20.8993,

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

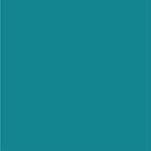
97.6080, 20.8993, -76.8322

Protanopia

120.3680, 5.2416, -1.1997

Deuteranopia

120.9750, 11.3513, -0.8551



Tritanopia

100.1680, 21.6092, -71.1843

Trichromacy



Original Color

97.6080, 20.8993, -76.8322

Protanomaly

111.6850, 11.0013, -28.6647

Deuteranomaly

112.4230, 15.0745, -28.4350

Tritanomaly

99.1570, 21.6146, -72.9287

Monochromacy



Original Color

97.6080, 20.8993, -76.8322

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.7730, 7.5069, -27.8649

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6080, 20.8993, -76.8322 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(10, 134, 140)` looks like.

```
.text, #text, p{  
    color:rgb(10, 134, 140)  
}
```

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(10, 134, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 134, 140) }
```

Border

The CSS property to change the border of an element to YUV 97.6080, 20.8993, -76.8322 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(10, 134, 140) }
```

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

```
.border{ border-color:rgb(10, 134, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 134, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 134, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 134, 140);  
box-shadow:4px 4px 4px 4px rgb(10, 134,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 97.6080, 20.8993, -76.8322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 134, 140) }
```

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

```
.background{ background-color: rgb(10, 134,  
140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor