

Converting Colors

YUV(97.5380, 20.4408,
-69.7548)

Have a look what the booklet for
YUV(97.5380, 20.4408, -69.7548)
contains.

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Color

**YUV(97.5380, 20.4408,
-69.7548)**

Conversions

Conversions Part 1

Format	Color
Hex	12828B
RGB	18, 130, 139
RGB Percent	7%, 51%, 55%
CMY	0.9294, 0.4902, 0.4549
CMYK	0.87, 0.06, 0.00, 0.45
HSL	184°, 77%, 31%
HSV	184°, 87%, 55%
XYZ	12.8923, 17.9579, 27.2128
YIQ	97.5380, -69.6410, -20.9450

Conversions

Conversions Part 2

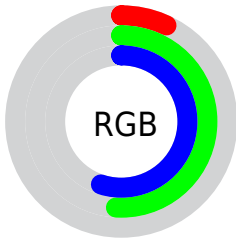
Format	Color
R_{YB}	18, 76, 139
Decimal	1213067
CIE _{Lab}	49.45, -25.19, -13.14
CIE _{LCh}	49, 28.412, 207.556
Yxy	17.9579, 0.2220, 0.3093
Android (android.graphics.Color)	4279403147 (0xFF12828B)
YUV	97.5380, 20.4408, -69.7548
Hunter-Lab	42.3768, -19.8544, -8.4101

Details

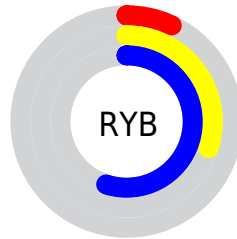
The YUV color **97.5380, 20.4408, -69.7548** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **59.4620, -20.4408, 69.7548**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9200, 17.7874, -58.6888**, and **57.1060, 15.7237, -50.0820** is the 20% darker color. If you saturate the color by 10%, you get **92.7650, 22.7939, -77.8469**, and if you desaturate by 10%, it is **102.3110, 18.0877, -61.6627**.

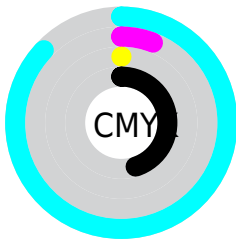
Distribution



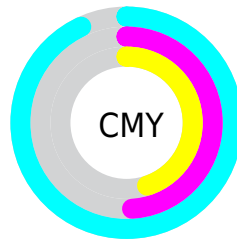
- Red (7%)
- Green (51%)
- Blue (55%)



- Red (7%)
- Yellow (30%)
- Blue (55%)



- Cyan (87%)
- Magenta (6%)
- Yellow (0%)
- Black (45%)



- Cyan (93%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.5380, 20.4408, -69.7548 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 97.5380, 20.4408, -69.7548 by changing the saturation by 10% instead.

■ 97.5380, 20.4408,
-69.7548

■ 97.5380, 20.4408,
-69.7548

■ 255.0000, 0.0000,
0.0000

■ 74.6310, 19.4089,
-65.4514

■ 155.9200, 17.7874,
-58.6888

■ 57.1060, 15.7237,
-50.0820

■ 184.2190, 17.6400,
-58.0741

■ 40.9830, 12.3334,
-35.9421

■ 213.2190, 17.6400,
-58.0741

■ 25.5610, 9.0904,
-22.4170

■ 231.3790, 11.6452,
-48.5674

■ 3.3230, 10.1938,
-2.9143

■ 240.0500, 7.3704,
-30.7388

■ 0.0000, 0.0000,
0.0000

■ 249.0200, 2.9481,

-12.2955

■ 97.5380, 20.4408,
-69.7548

■ 97.5380, 20.4408,
-69.7548

■ 92.7650, 22.7939,
-77.8469

■ 102.3110, 18.0877,
-61.6627

■ 91.5690, 23.3835,
-80.3060

■ 107.0840, 15.7346,
-53.5707

■ 111.8570, 13.3815,
-45.4786

■ 116.6300, 11.0284,
-37.3865

■ 121.1040, 8.8227,
-29.9092

■ 125.8770, 6.4696,
-21.8171

■ 130.6500, 4.1165,
-13.7251

■ 135.4230, 1.7635,
-5.6330

■ 140.1960, -0.5896,
2.4591

Harmonies

Analogous

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



104.3700, 5.2406, -47.6825



97.5380, 20.4408, -69.7548



103.6240, 26.8074, -58.4292

Triad

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



97.5380, 20.4408, -69.7548



121.1180, 11.2808, 21.8215



115.7360, -23.0408, 16.8945

Complementary

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



97.5380, 20.4408, -69.7548



59.4620, -20.4408, 69.7548

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.



117.7470, -19.5953, 31.7939



97.5380, 20.4408, -69.7548



120.2310, -0.1139, 36.6314

Square

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



97.5380, 20.4408, -69.7548



119.2660, 20.0819, -1.1103



118.6800, -11.1812, 39.7456



113.8260, -19.6342, -2.4784

Rectangle

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



97.5380, 20.4408, -69.7548



110.3320, 26.4583, -39.7562



118.6800, -11.1812, 39.7456



116.8830, -22.6203, 22.0276

Sweetspot

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



97.5380, 20.4408, -69.7548



165.1860, 7.7963, -27.3501



89.9390, -31.5219, -63.0905



82.1550, 4.8536, -16.7989



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.



97.5380, 20.4408, -69.7548



119.2500, 30.4428, -104.5823



62.3180, 37.8042, -38.8669



66.3200, 1.3212, -3.7886



87.3630, 22.4990, -76.6174



3.5050, 0.7370, -3.0739

Inverse Universe

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



66.9470, 31.0851, 63.1905



73.2710, 46.7014, 94.4783



94.6820, -37.8042, 38.8669



64.7770, 1.5889, 3.7036



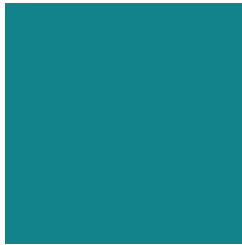
53.7890, 34.1210, 69.4680



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 97.5380, 20.4408, -69.7548 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 97.5380, 20.4408, -69.7548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

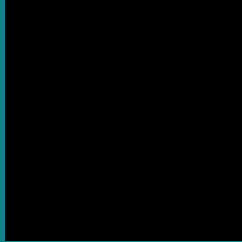
Any Text WCAG AA ✓ Pass

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 97.5380, 20.4408, -69.7548 Background



This preview shows how black text looks on a background with the YUV color 97.5380, 20.4408, -69.7548.

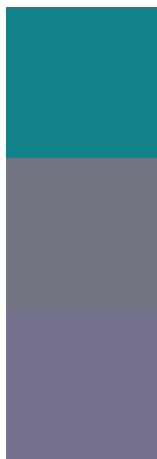


This preview shows how white text looks on a background with the YUV color 97.5380, 20.4408, -69.7548.

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

97.5380, 20.4408, -69.7548

Protanopia

117.2970, 6.2626, -2.0145

Deuteranopia

117.7900, 11.9355, -1.5698



Tritanopia

98.2500, 20.5828, -68.6252

Trichromacy



Original Color

97.5380, 20.4408, -69.7548

Protanomaly

110.1090, 11.2853, -26.4056

Deuteranomaly

110.4340, 15.0690, -26.6906

Tritanomaly

97.9510, 20.7302, -69.2400

Monochromacy



Original Color

97.5380, 20.4408, -69.7548

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0830, 7.3541, -25.5058

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.5380, 20.4408, -69.7548 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(18, 130, 139)` looks like.

```
.text, #text, p{  
    color:rgb(18, 130, 139)  
}
```

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(18, 130, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 130, 139) }
```

Border

The CSS property to change the border of an element to YUV 97.5380, 20.4408, -69.7548 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(18, 130, 139) }
```


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

```
.border{ border-color:rgb(18, 130, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 130, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 130, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 130, 139);  
box-shadow:4px 4px 4px 4px rgb(18, 130,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 97.5380, 20.4408, -69.7548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 130, 139) }
```

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

```
.background{ background-color: rgb(18, 130,  
139) }
```

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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