

Converting Colors

YUV(96.4190, 17.5414,
-73.1585)

Have a look what the booklet for
YUV(96.4190, 17.5414, -73.1585)
contains.

YUV(96.4190, 17.5414, -73.1585)	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(96.4190, 17.5414,
-73.1585)**

Conversions

Conversions Part 1

Format	Color
Hex	0D8484
RGB	13, 132, 132
RGB Percent	5%, 52%, 52%
CMY	0.9490, 0.4824, 0.4824
CMYK	0.90, 0.00, 0.00, 0.48
HSL	180°, 82%, 28%
HSV	180°, 90%, 52%
XYZ	12.5821, 18.2540, 24.6900
YIQ	96.4190, -70.9240, -25.2280

Conversions

Conversions Part 2

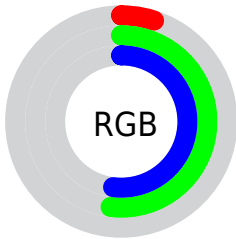
Format	Color
RYB	13, 73, 132
Decimal	885892
CIELab	49.80, -28.81, -8.51
CIElCh	50, 30.038, 196.452
Yxy	18.2540, 0.2266, 0.3287
Android (android.graphics.Color)	4279075972 (0xFF0D8484)
YUV	96.4190, 17.5414, -73.1585
Hunter-Lab	42.7247, -22.2015, -4.3555

Details

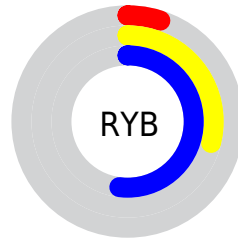
The YUV color **96.4190, 17.5414, -73.1585** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **48.5810, -17.5414, 73.1585**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2850, 14.1565, -60.7629**, and **57.5960, 12.5242, -50.5117** is the 20% darker color. If you saturate the color by 10%, you get **92.5320, 19.4577, -81.1506**, and if you desaturate by 10%, it is **100.3060, 15.6251, -65.1664**.

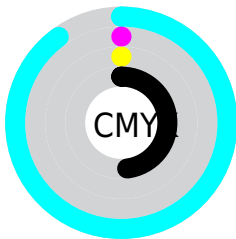
Distribution



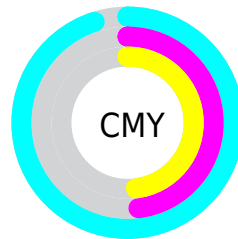
- Red (5%)
- Green (52%)
- Blue (52%)



- Red (5%)
- Yellow (29%)
- Blue (52%)



- Cyan (90%)
- Magenta (0%)
- Yellow (0%)
- Black (48%)



- Cyan (95%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4190, 17.5414, -73.1585 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 96.4190, 17.5414, -73.1585 by changing the saturation by 10% instead.

96.4190, 17.5414,
-73.1585

96.4190, 17.5414,
-73.1585

255.0000, 0.0000,
0.0000

74.4200, 16.0619,
-65.2663

156.2850, 14.1565,
-60.7629

57.5960, 12.5242,
-50.5117

183.9970, 14.2985,
-59.6334

40.8860, 9.4232,
-35.8570

212.8830, 13.8617,
-59.5334

26.0510, 5.8909,
-22.8467

230.7810, 11.9400,
-49.7969

2.6390, 7.5730,
-2.3144

239.4520, 7.6652,
-31.9684

0.0000, 0.0000,
0.0000

248.4220, 3.2430,

-13.5251

■ 96.4190, 17.5414,
-73.1585

■ 96.4190, 17.5414,
-73.1585

■ 92.5320, 19.4577,
-81.1506

■ 100.3060, 15.6251,
-65.1664

■ 104.1930, 13.7089,
-57.1743

■ 108.3790, 11.6452,
-48.5674

■ 112.2660, 9.7289,
-40.5753

■ 116.1530, 7.8126,
-32.5832

■ 120.0400, 5.8963,
-24.5911

■ 123.9270, 3.9800,
-16.5990

■ 128.1130, 1.9163,
-7.9921

■ 132.0000, 0.0000,
0.0000

Harmonies

Analogous

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



106.6220, -0.3066, -41.7645



96.4190, 17.5414, -73.1585



93.9800, 30.0829, -82.4205

Triad

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



96.4190, 17.5414, -73.1585



121.9260, 15.8125, 14.9739



117.5520, -23.9361, 24.0719

Complementary

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



96.4190, 17.5414, -73.1585



48.5810, -17.5414, 73.1585

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.



118.9480, -17.7224, 37.7566



96.4190, 17.5414, -73.1585



121.7730, 4.5489, 34.4021

Square

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



96.4190, 17.5414, -73.1585



118.2260, 24.0456, -12.4762



120.3150, -7.5503, 41.8197



115.0720, -22.7135, 5.1989

Rectangle

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



96.4190, 17.5414, -73.1585



105.9170, 29.1279, -56.0552



120.3150, -7.5503, 41.8197



118.2260, -22.7894, 29.6198

Sweetspot

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



96.4190, 17.5414, -73.1585



157.2460, 6.7807, -28.2797



82.8530, -34.4375, -61.2611



78.6280, 4.1274, -17.2138



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



96.4190, 17.5414, -73.1585



119.8710, 25.2066, -105.1269



61.7860, 34.6155, -42.7853



64.2060, 0.8844, -3.6887



91.1300, 19.1629, -79.9210



2.1030, 0.4422, -1.8443

Inverse Universe

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



62.1470, 34.4375, 61.2611



70.6230, 49.4859, 88.0306



83.8010, -34.9049, 42.2705



62.4780, 1.7363, 3.0888



53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Previews

White Background



This preview shows how the YUV color 96.4190, 17.5414, -73.1585 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 96.4190, 17.5414, -73.1585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

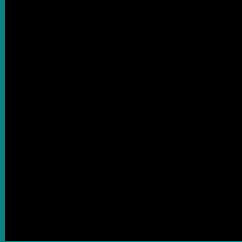
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 96.4190, 17.5414, -73.1585

Background



This preview shows how black text looks on a background with the YUV color 96.4190, 17.5414, -73.1585.

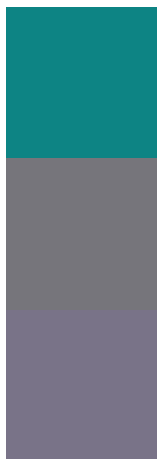


This preview shows how white text looks on a background with the YUV color 96.4190, 17.5414,

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

96.4190, 17.5414, -73.1585

Protanopia

117.9830, 2.4734, 0.0149

Deuteranopia

119.1880, 8.2883, 1.5891



Tritanopia

101.0440, 19.6983, -64.9366

Trichromacy



Original Color

96.4190, 17.5414, -73.1585

Protanomaly

109.8980, 7.9383, -26.2205

Deuteranomaly

110.9350, 11.8640, -25.3760

Tritanomaly

99.2070, 19.1249, -67.7105

Monochromacy



Original Color

96.4190, 17.5414, -73.1585

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1430, 6.3385, -26.4354

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4190, 17.5414, -73.1585 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(13, 132, 132)` looks like.

```
.text, #text, p{  
    color:rgb(13, 132, 132)  
}
```

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(13, 132, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 132, 132) }
```

Border

The CSS property to change the border of an element to YUV 96.4190, 17.5414, -73.1585 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(13, 132, 132) }
```


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

```
.border{ border-color:rgb(13, 132, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 132, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 132, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 132, 132);  
box-shadow:4px 4px 4px 4px rgb(13, 132,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 96.4190, 17.5414, -73.1585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 132, 132) }
```

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

```
.background{ background-color: rgb(13, 132,  
132) }
```

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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