

Converting Colors

YUV(103.7990, 38.0601,
-74.3687)

Have a look what the booklet for
YUV(103.7990, 38.0601, -74.3687)
contains.

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Color

**YUV(103.7990, 38.0601,
-74.3687)**

Conversions

Conversions Part 1

Format	Color
Hex	1384B5
RGB	19, 132, 181
RGB Percent	7%, 52%, 71%
CMY	0.9255, 0.4824, 0.2902
CMYK	0.90, 0.27, 0.00, 0.29
HSL	198°, 81%, 39%
HSV	198°, 90%, 71%
XYZ	16.8603, 19.9772, 46.6834
YIQ	103.7990, -83.0770, -8.7170

Conversions

Conversions Part 2

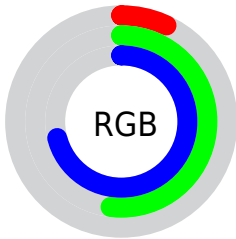
Format	Color
R_{YB}	19, 86, 181
Decimal	1279157
CIE _{Lab}	51.81, -11.35, -33.89
CIE _{LCh}	52, 35.744, 251.484
Yxy	19.9772, 0.2019, 0.2392
Android (android.graphics.Color)	4279469237 (0xFF1384B5)
YUV	103.7990, 38.0601, -74.3687
Hunter-Lab	44.6958, -10.8833, -30.6395

Details

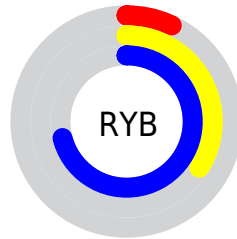
The YUV color **103.7990, 38.0601, -74.3687** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **96.2010, -38.0601, 74.3687**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9150, 35.5379, -58.6845**, and **63.3130, 31.8907, -55.5255** is the 20% darker color. If you saturate the color by 10%, you get **95.4820, 42.1604, -82.8607**, and if you desaturate by 10%, it is **112.1160, 33.9598, -65.8767**.

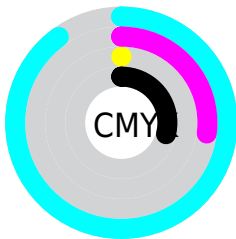
Distribution



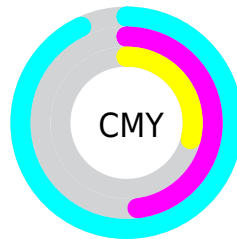
- Red (7%)
- Green (52%)
- Blue (71%)



- Red (7%)
- Yellow (34%)
- Blue (71%)



- Cyan (90%)
- Magenta (27%)
- Yellow (0%)
- Black (29%)



- Cyan (93%)
- Magenta (48%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7990, 38.0601, -74.3687 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 103.7990, 38.0601, -74.3687 by changing the saturation by 10% instead.

■ 103.7990, 38.0601,
-74.3687

■ 103.7990, 38.0601,
-74.3687

■ 255.0000, 0.0000,
0.0000

■ 80.3650, 36.3021,
-70.4801

■ 164.9150, 35.5379,
-58.6845

■ 63.3130, 31.8907,
-55.5255

■ 192.3730, 30.8751,
-56.4551

■ 46.9620, 27.6267,
-41.1857

■ 217.7790, 18.3500,
-52.4262

■ 31.1980, 23.0734,
-27.3606

■ 234.9670, 9.8763,
-41.1901

■ 15.6620, 19.3936,
-13.7356

■ 243.9370, 5.4541,
-22.7467

■ 4.9360, 13.8356,
-4.3289

■ 252.9070, 1.0318,

■ 0.6840, 2.6208,

-4.3034

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 103.7990, 38.0601,
-74.3687

■ 103.7990, 38.0601,
-74.3687

■ 95.4820, 42.1604,
-82.8607

■ 112.1160, 33.9598,
-65.8767

■ 94.5960, 42.5972,
-82.9607

■ 121.0200, 29.5701,
-57.8995

■ 129.3370, 25.4699,
-49.4075

■ 138.2410, 21.0802,
-41.4304

■ 146.8570, 16.8325,
-32.3236

■ 155.7610, 12.4428,
-24.3464

■ 164.0780, 8.3425,
-15.8544

■ 172.9820, 3.9529,
-7.8772

■ 181.2990, -0.1474,
0.6148

Harmonies

Analogous

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



99.5880, 31.2621, -87.3387



103.7990, 38.0601, -74.3687



121.7670, 30.1879, -22.5977

Triad

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



103.7990, 38.0601, -74.3687



125.4130, -6.1196, 49.6268



115.7380, -19.5908, -16.4332

Complementary

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



103.7990, 38.0601, -74.3687



96.2010, -38.0601, 74.3687

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.



120.1990, -28.6921, 9.4725



103.7990, 38.0601, -74.3687



124.1340, -19.7861, 46.3635

Square

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



103.7990, 38.0601, -74.3687



126.8320, 8.4638, 38.7353



122.1570, -28.1784, 31.4343



109.1930, -3.0531, -47.5273

Rectangle

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



103.7990, 38.0601, -74.3687



125.8410, 24.7284, 1.8934



122.1570, -28.1784, 31.4343



117.4680, -23.4017, -7.4264

Sweetspot

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



103.7990, 38.0601, -74.3687



204.1240, 15.2219, -29.0497



119.6800, -25.4782, -88.2964



99.4800, 8.6374, -17.0840



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



103.7990, 38.0601, -74.3687



123.0580, 55.1874, -107.9219



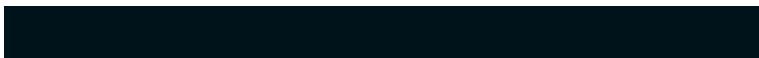
56.2520, 61.5008, -32.6700



85.1350, 1.9054, -4.5034



80.2510, 35.8653, -70.3801



13.5300, 6.1477, -11.8658

Inverse Universe

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



80.3200, 25.4782, 88.2964



88.9610, 36.9942, 128.0762



143.7480, -61.5008, 32.6700



83.4890, 1.7309, 4.8331



57.9450, 24.1841, 83.3632



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 103.7990, 38.0601, -74.3687 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 103.7990, 38.0601, -74.3687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

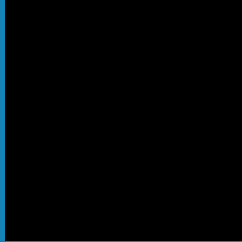
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 103.7990, 38.0601, -74.3687

Background



This preview shows how black text looks on a background with the YUV color 103.7990, 38.0601, -74.3687.

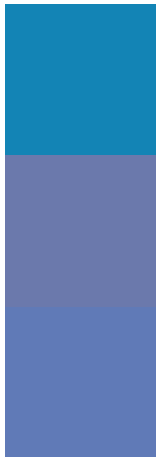


This preview shows how white text looks on a background with the YUV color 103.7990, 38.0601, -74.3687.

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

103.7990, 38.0601, -74.3687

Protanopia

122.6280, 24.3404, -13.7058

Deuteranopia

121.1800, 30.4773, -22.0829



Tritanopia

97.1770, 24.5627, -85.2242

Trichromacy



Original Color

103.7990, 38.0601, -74.3687

Protanomaly

115.7500, 29.2102, -35.7377

Deuteranomaly

115.0420, 33.0103, -41.2558

Tritanomaly

99.4640, 29.3512, -81.0909

Monochromacy



Original Color

103.7990, 38.0601, -74.3687

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.7930, 13.9061, -27.0055

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7990, 38.0601, -74.3687 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(19, 132, 181)` looks like.

```
.text, #text, p{  
    color:rgb(19, 132, 181)  
}
```

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(19, 132, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 132, 181) }
```

Border

The CSS property to change the border of an element to YUV 103.7990, 38.0601, -74.3687 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(19, 132, 181) }
```


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

```
.border{ border-color:rgb(19, 132, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 132, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 132, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 132, 181);  
box-shadow:4px 4px 4px 4px rgb(19, 132,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 103.7990, 38.0601, -74.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 132, 181) }
```

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

```
.background{ background-color: rgb(19, 132,  
181) }
```

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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