

Converting Colors

YUV(113.7880, 38.0655,
-76.1131)

Have a look what the booklet for
YUV(113.7880, 38.0655, -76.1131)
contains.

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Color

**YUV(113.7880, 38.0655,
-76.1131)**

Conversions

Conversions Part 1

Format	Color
Hex	1B8FBF
RGB	27, 143, 191
RGB Percent	11%, 56%, 75%
CMY	0.8941, 0.4392, 0.2510
CMYK	0.86, 0.25, 0.00, 0.25
HSL	198°, 75%, 43%
HSV	198°, 86%, 75%
XYZ	19.6784, 23.6395, 52.8159
YIQ	113.7880, -84.5440, -9.6640

Conversions

Conversions Part 2

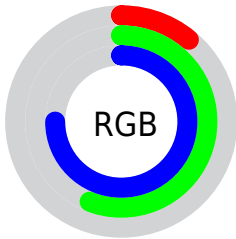
Format	Color
R_{YB}	27, 95, 191
Decimal	1806271
CIE _{Lab}	55.73, -13.37, -33.48
CIE _{LCh}	56, 36.050, 248.235
Yxy	23.6395, 0.2047, 0.2459
Android (android.graphics.Color)	4279996351 (0xFF1B8FBF)
YUV	113.7880, 38.0655, -76.1131
Hunter-Lab	48.6205, -12.8406, -30.3718

Details

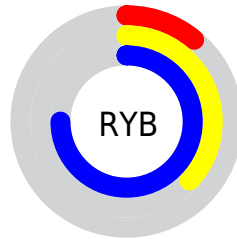
The YUV color **113.7880, 38.0655, -76.1131** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **104.2120, -38.0655, 76.1131**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.7080, 36.1330, -62.8879**, and **70.2090, 32.9280, -61.5733** is the 20% darker color. If you saturate the color by 10%, you get **104.5850, 42.6026, -84.7050**, and if you desaturate by 10%, it is **122.9910, 33.5284, -67.5211**.

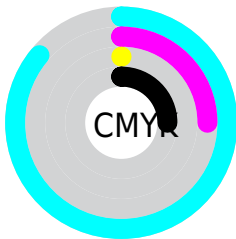
Distribution



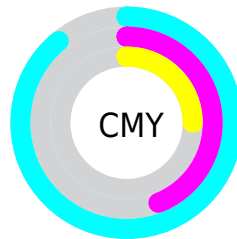
- Red (11%)
- Green (56%)
- Blue (75%)



- Red (11%)
- Yellow (37%)
- Blue (75%)



- Cyan (86%)
- Magenta (25%)
- Yellow (0%)
- Black (25%)



- Cyan (89%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7880, 38.0655, -76.1131 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 113.7880, 38.0655, -76.1131 by changing the saturation by 10% instead.

■ 113.7880, 38.0655,
-76.1131

■ 113.7880, 38.0655,
-76.1131

255.0000, 0.0000,
0.0000

■ 87.3750, 37.7761,
-76.6279

■ 174.7080, 36.1330,
-62.8879

■ 70.2090, 32.9280,
-61.5733

■ 201.2110, 26.5180,
-58.9440

■ 53.2710, 28.9534,
-46.7187

■ 226.6170, 13.9928,
-54.9151

■ 37.5070, 24.4000,
-32.8936

■ 236.7610, 8.9918,
-37.5014

■ 23.0310, 19.7047,
-20.1982

■ 245.7310, 4.5696,
-19.0581

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 113.7880, 38.0655,
-76.1131

■ 113.7880, 38.0655,
-76.1131

■ 104.5850, 42.6026,
-84.7050

■ 122.9910, 33.5284,
-67.5211

■ 101.0190, 44.3606,
-88.5937

■ 131.6070, 29.2807,
-58.4143

■ 140.8100, 24.7437,
-49.8224

■ 149.4260, 20.4960,
-40.7156

■ 158.9280, 15.8115,
-31.5089

■ 168.1310, 11.2744,
-22.9169

■ 176.7470, 7.0267,
-13.8101

■ 185.9500, 2.4897,
-5.2181

■ 194.5660, -1.7580,
3.8886

Harmonies

Analogous

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



106.3700, 31.8626, -93.2865



113.7880, 38.0655, -76.1131



130.7880, 31.6565, -27.0011

Triad

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



113.7880, 38.0655, -76.1131



135.4670, -4.6672, 50.4564



126.5920, -21.4909, -13.6742

Complementary

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



113.7880, 38.0655, -76.1131



104.2120, -38.0655, 76.1131

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.



129.9930, -29.5765, 13.1611



113.7880, 38.0655, -76.1131



134.0850, -18.7759, 49.0375

Square

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



113.7880, 38.0655, -76.1131



137.1630, 9.7796, 36.6910



132.8800, -28.0418, 34.3082



120.2320, -5.5374, -44.0535

Rectangle

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



113.7880, 38.0655, -76.1131



135.5740, 26.3390, -1.3804



132.8800, -28.0418, 34.3082



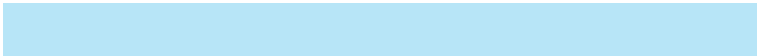
127.7350, -25.0124, -4.1526

Sweetspot

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



113.7880, 38.0655, -76.1131



217.2980, 14.6431, -30.0793



128.5120, -27.3674, -89.0260



106.8820, 8.9322, -18.3135



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



113.7880, 38.0655, -76.1131



130.8830, 57.2457, -114.7844



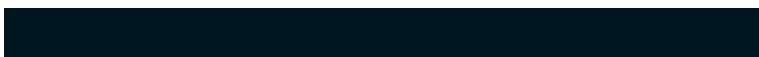
66.8280, 61.2168, -34.9292



90.1350, 1.9054, -4.5034



83.7560, 36.6023, -73.4540



16.4480, 7.1741, -14.4249

Inverse Universe

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



89.2600, 26.4938, 89.2260



93.8030, 40.0301, 134.3538



151.1720, -61.2168, 34.9292



88.4890, 1.7309, 4.8331



60.0100, 25.6311, 85.9372



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 113.7880, 38.0655, -76.1131 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 113.7880, 38.0655, -76.1131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

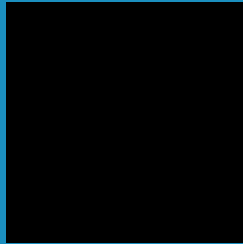
Any Text WCAG AA ✓ Pass

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 113.7880, 38.0655, -76.1131 Background



This preview shows how black text looks on a background with the YUV color 113.7880, 38.0655, -76.1131.



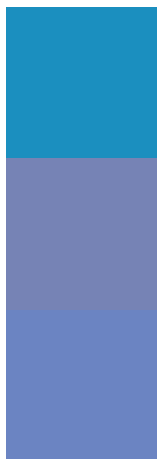
This preview shows how white text looks on a background with the YUV color 113.7880, 38.0655, -76.1131.

-76.1131.

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

113.7880, 38.0655, -76.1131

Protanopia

132.8130, 23.7562, -12.9910

Deuteranopia

131.5930, 30.7667, -21.5681



Tritanopia

105.0020, 26.6210, -92.0868

Trichromacy



Original Color

113.7880, 38.0655, -76.1131

Protanomaly

125.7500, 29.2102, -35.7377

Deuteranomaly

125.1560, 33.4471, -41.3558

Tritanomaly

108.1860, 30.9673, -86.1091

Monochromacy



Original Color

113.7880, 38.0655, -76.1131

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0810, 13.7641, -28.1350

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7880, 38.0655, -76.1131 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(27, 143, 191)` looks like.

```
.text, #text, p{  
    color:rgb(27, 143, 191)  
}
```

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(27, 143, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 143, 191) }
```

Border

The CSS property to change the border of an element to YUV 113.7880, 38.0655, -76.1131 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(27, 143, 191) }
```


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

```
.border{ border-color:rgb(27, 143, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 143, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 143, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 143, 191);  
box-shadow:4px 4px 4px 4px rgb(27, 143,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 113.7880, 38.0655, -76.1131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 143, 191) }
```

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

```
.background{ background-color: rgb(27, 143,  
191) }
```

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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