

Converting Colors

YUV(118.2460, 33.4027,
-73.8837)

Have a look what the booklet for
YUV(118.2460, 33.4027, -73.8837)
contains.

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Color

**YUV(118.2460, 33.4027,
-73.8837)**

Conversions

Conversions Part 1	
Format	Color
Hex	2294BA
RGB	34, 148, 186
RGB Percent	13%, 58%, 73%
CMY	0.8667, 0.4196, 0.2706
CMYK	0.82, 0.20, 0.00, 0.27
HSL	195°, 69%, 43%
HSV	195°, 82%, 73%
XYZ	20.1125, 25.0651, 50.2324
YIQ	118.2460, -80.1420, -12.3500

Conversions

Conversions Part 2

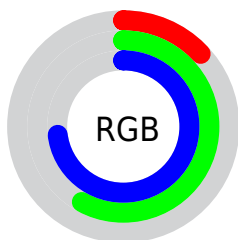
Format	Color
RYB	34, 99, 186
Decimal	2266298
CIELab	57.14, -17.30, -28.44
CIELCh	57, 33.287, 238.684
Yxy	25.0651, 0.2108, 0.2627
Android (android.graphics.Color)	4280456378 (0xFF2294BA)
YUV	118.2460, 33.4027, -73.8837
Hunter-Lab	50.0650, -15.9053, -24.4427

Details

The YUV color **118.2460, 33.4027, -73.8837** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **101.7540, -33.4027, 73.8837**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.8560, 31.6230, -63.0177**, and **72.1010, 30.0232, -63.2326** is the 20% darker color. If you saturate the color by 10%, you get **109.6300, 37.6504, -82.9905**, and if you desaturate by 10%, it is **126.8620, 29.1550, -64.7770**.

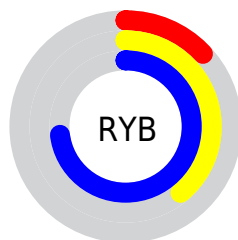
Distribution



Red (13%)

Green (58%)

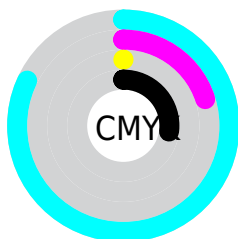
Blue (73%)



Red (13%)

Yellow (39%)

Blue (73%)

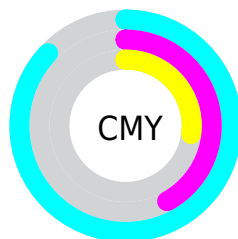


Cyan (82%)

Magenta (20%)

Yellow (0%)

Black (27%)



Cyan (87%)


Magenta (42%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.2460, 33.4027, -73.8837 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 118.2460, 33.4027, -73.8837 by changing the saturation by 10% instead.


 118.2460, 33.4027,
-73.8837


 118.2460, 33.4027,
-73.8837


255.0000, 0.0000,
0.0000


 89.7400, 34.1452,
-78.7020


 177.8560, 31.6230,
-63.0177

 72.1010, 30.0232,
-63.2326


 204.7440, 24.7762,
-60.2885

 55.0490, 25.6118,
-48.2780


 228.3890, 13.1192,
-54.7152

 39.3990, 21.4953,
-34.5529

 237.3590, 8.6970,
-36.2718

 25.0370, 17.2368,
-21.9574

 246.3290, 4.2748,
-17.8285

 5.5060, 16.0195,
-4.8288

 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 118.2460, 33.4027,
-73.8837

■ 118.2460, 33.4027,
-73.8837

■ 109.6300, 37.6504,
-82.9905

■ 126.8620, 29.1550,
-64.7770

■ 102.7970, 41.0191,
-90.1530

■ 134.5920, 25.3441,
-55.7702

■ 143.2080, 21.0965,
-46.6634

■ 151.5250, 16.9962,
-38.1714

■ 159.5540, 13.0379,
-28.5499

■ 168.1700, 8.7902,
-19.4431

■ 176.4870, 4.6899,
-10.9511

■ 184.5160, 0.7316,
-1.3295

■ 192.8330, -3.3687,
7.1625

Harmonies

Analogous

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



107.9200, 27.6474, -94.6458



118.2460, 33.4027, -73.8837



131.9180, 31.0994, -35.0081

Triad

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



118.2460, 33.4027, -73.8837



139.9870, 0.0064, 44.7384



132.1910, -23.2652, -4.5525

Complementary

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



118.2460, 33.4027, -73.8837



101.7540, -33.4027, 73.8837

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.



135.1940, -27.7036, 19.1239



118.2460, 33.4027, -73.8837



139.0400, -13.8237, 47.3229

Square

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



118.2460, 33.4027, -73.8837



141.0200, 13.3011, 27.1695



137.2270, -24.2689, 37.5119



127.9410, -10.8169, -30.6433

Rectangle

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



118.2460, 33.4027, -73.8837



137.6220, 26.8084, -11.9465



137.2270, -24.2689, 37.5119



133.2630, -25.7657, 4.1543

Sweetspot

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



118.2460, 33.4027, -73.8837



215.2550, 13.1853, -29.1646



127.5560, -27.3891, -82.0486



105.9530, 7.9112, -17.4988



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



118.2460, 33.4027, -73.8837



136.5040, 52.0095, -115.3290



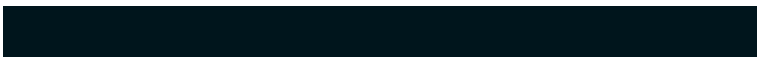
73.6340, 55.3964, -34.7590



88.1350, 1.9054, -4.5034



86.4630, 34.2817, -75.8281



15.5190, 6.1531, -13.6102

Inverse Universe

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



92.4440, 27.3891, 82.0486



96.1550, 42.8146, 127.9061



146.3660, -55.3964, 34.7590



86.4890, 1.7309, 4.8331



59.9820, 28.1099, 84.2078



10.7660, 5.0454, 15.1142

Previews

White Background



This preview shows how the YUV color 118.2460, 33.4027, -73.8837 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 118.2460, 33.4027, -73.8837 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 118.2460, 33.4027, -73.8837

Background



This preview shows how black text looks on a background with the YUV color 118.2460, 33.4027, -73.8837.

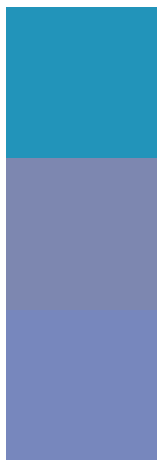


This preview shows how white text looks on a background with the YUV color 118.2460, 33.4027, -73.8837.

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

118.2460, 33.4027, -73.8837

Protanopia

136.6840, 19.3828, -10.2469

Deuteranopia

136.3720, 25.9456, -15.2352



Tritanopia

107.9200, 27.6474, -94.6458

Trichromacy



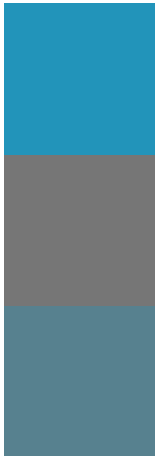
Original Color
118.2460, 33.4027, -73.8837

Protanomaly
130.2080, 24.5475, -33.5084

Deuteranomaly
129.9240, 28.6315, -36.7673

Tritanomaly
111.8330, 29.6623, -87.5535

Monochromacy



Original Color
118.2460, 33.4027, -73.8837

Achromatopsia
118.0000, 0.0000, 0.0000

Achromatomaly
118.0380, 12.3063, -27.2203

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2460, 33.4027, -73.8837 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(34, 148, 186)` looks like.

```
.text, #text, p{  
    color:rgb(34, 148, 186)  
}
```

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(34, 148, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 148, 186) }
```

Border

The CSS property to change the border of an element to YUV 118.2460, 33.4027, -73.8837 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(34, 148, 186) }
```


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

```
.border{ border-color:rgb(34, 148, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 148, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 148, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 148, 186);  
box-shadow:4px 4px 4px 4px rgb(34, 148,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 118.2460, 33.4027, -73.8837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 148, 186) }
```

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

```
.background{ background-color: rgb(34, 148,  
186) }
```

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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