

Converting Colors

YUV(116.3370, 38.7809,
-72.2095)

Have a look what the booklet for
YUV(116.3370, 38.7809, -72.2095)
contains.

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Color

**YUV(116.3370, 38.7809,
-72.2095)**

Conversions

Conversions Part 1

Format	Color
Hex	228FC3
RGB	34, 143, 195
RGB Percent	13%, 56%, 76%
CMY	0.8667, 0.4392, 0.2353
CMYK	0.83, 0.27, 0.00, 0.24
HSL	199°, 70%, 45%
HSV	199°, 83%, 76%
XYZ	20.3325, 23.9251, 55.1761
YIQ	116.3370, -81.6560, -6.9360

Conversions

Conversions Part 2

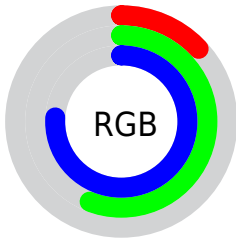
Format	Color
R_{YB}	34, 99, 195
Decimal	2265027
CIE _{Lab}	56.01, -11.37, -35.29
CIE _{LCh}	56, 37.076, 252.148
Yxy	23.9251, 0.2045, 0.2406
Android (android.graphics.Color)	4280455107 (0xFF228FC3)
YUV	116.3370, 38.7809, -72.2095
Hunter-Lab	48.9133, -11.3988, -32.6421

Details

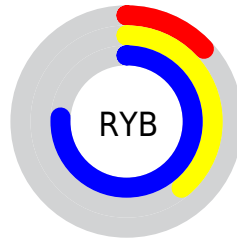
The YUV color **116.3370, 38.7809, -72.2095** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **112.6630, -38.7809, 72.2095**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.3600, 37.2905, -60.8287**, and **70.6650, 34.6752, -61.9732** is the 20% darker color. If you saturate the color by 10%, you get **106.8350, 43.4653, -81.4163**, and if you desaturate by 10%, it is **125.5400, 34.2438, -63.6176**.

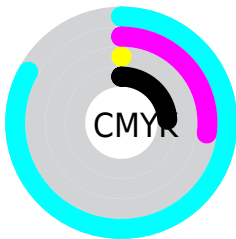
Distribution



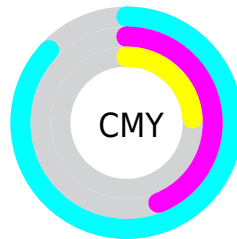
- Red (13%)
- Green (56%)
- Blue (76%)



- Red (13%)
- Yellow (39%)
- Blue (76%)



- Cyan (83%)
- Magenta (27%)
- Yellow (0%)
- Black (24%)



- Cyan (87%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.3370, 38.7809, -72.2095 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 116.3370, 38.7809, -72.2095 by changing the saturation by 10% instead.

■ 116.3370, 38.7809,
-72.2095

■ 116.3370, 38.7809,
-72.2095

■ 255.0000, 0.0000,
0.0000

■ 87.8310, 39.5233,
-77.0278

■ 176.3600, 37.2905,
-60.8287

■ 70.6650, 34.6752,
-61.9732

■ 202.1080, 26.0758,
-57.0997

■ 53.6130, 30.2638,
-47.0186

■ 227.8130, 13.4032,
-52.4560

■ 37.8490, 25.7104,
-33.1936

■ 237.9570, 8.4022,
-35.0423

■ 23.4870, 21.4519,
-20.5981

■ 246.9270, 3.9800,
-16.5990

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 116.3370, 38.7809,
-72.2095

■ 116.3370, 38.7809,
-72.2095

■ 106.8350, 43.4653,
-81.4163

■ 125.5400, 34.2438,
-63.6176

■ 99.7140, 46.9760,
-87.4492

■ 135.6290, 29.2699,
-54.9256

■ 144.8320, 24.7328,
-46.3337

■ 154.3340, 20.0483,
-37.1269

■ 163.8360, 15.3639,
-27.9202

■ 173.6260, 10.5374,
-19.8430

■ 183.1280, 5.8529,
-10.6363

■ 192.3310, 1.3158,
-2.0443

■ 202.1210, -3.5107,
6.0329

Harmonies

Analogous

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



107.6410, 34.1940, -94.4012



116.3370, 38.7809, -72.2095



132.5220, 31.7877, -22.3828

Triad

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



116.3370, 38.7809, -72.2095



135.9080, -6.8566, 52.7007



126.4990, -20.4590, -17.9776

Complementary

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



116.3370, 38.7809, -72.2095



112.6630, -38.7809, 72.2095

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.



130.8570, -30.0025, 9.7724



116.3370, 38.7809, -72.2095



134.9170, -20.6651, 48.3078

Square

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



116.3370, 38.7809, -72.2095



137.8430, 8.4584, 40.4797



133.4130, -29.7836, 32.9638



119.4700, -3.1897, -50.4012

Rectangle

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



116.3370, 38.7809, -72.2095



136.7810, 25.7440, 2.8231



133.4130, -29.7836, 32.9638



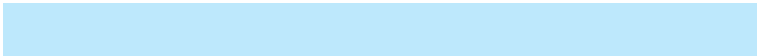
127.8270, -24.5647, -7.7413

Sweetspot

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



116.3370, 38.7809, -72.2095



221.4230, 15.0745, -28.4350



134.3210, -24.3153, -87.9815



108.7080, 9.5110, -17.2839



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



116.3370, 38.7809, -72.2095



130.5890, 59.8556, -111.8956



69.9640, 61.6427, -31.5404



92.2490, 2.3422, -4.6034



82.3370, 38.7809, -72.2095



16.6760, 8.0477, -14.6249

Inverse Universe

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



94.5650, 23.8785, 88.0815



96.7170, 37.1145, 136.1832



159.0360, -61.6427, 31.5404



90.7880, 1.5835, 5.4479



60.5650, 23.8785, 88.0815



12.3750, 4.7451, 18.0881

Previews

White Background



This preview shows how the YUV color 116.3370, 38.7809, -72.2095 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 116.3370, 38.7809, -72.2095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

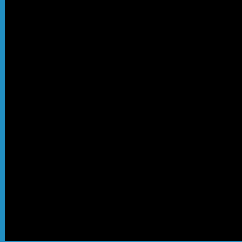
Any Text WCAG AA ✓ Pass

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 116.3370, 38.7809, -72.2095 Background



This preview shows how black text looks on a background with the YUV color 116.3370, 38.7809, -72.2095.

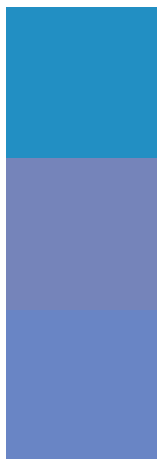


This preview shows how white text looks on a background with the YUV color 116.3370, 38.7809, -72.2095.

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

116.3370, 38.7809, -72.2095

Protanopia

133.6710, 25.7982, -14.6205

Deuteranopia

131.9240, 32.0825, -23.6123



Tritanopia

105.1160, 27.0578, -92.1867

Trichromacy



Original Color

116.3370, 38.7809, -72.2095

Protanomaly

127.3910, 30.3732, -35.4229

Deuteranomaly

126.3840, 34.3207, -41.5558

Tritanomaly

109.0120, 31.5461, -85.0795

Monochromacy



Original Color

116.3370, 38.7809, -72.2095

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.2060, 14.1954, -26.4907

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.3370, 38.7809, -72.2095 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, 143, 195)` looks like.

```
.text, #text, p{  
    color:rgb(34, 143, 195)  
}
```

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, 143, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 143, 195) }
```

Border

The CSS property to change the border of an element to YUV 116.3370, 38.7809, -72.2095 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, 143, 195) }
```


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

```
.border{ border-color:rgb(34, 143, 195) }
```

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

Here you see how a box with a 4 pixel rgb(34, 143, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 143, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 143, 195);  
box-shadow:4px 4px 4px 4px rgb(34, 143,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 116.3370, 38.7809, -72.2095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 143, 195) }
```

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

```
.background{ background-color: rgb(34, 143,  
195) }
```

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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