

Converting Colors

YUV(123.1010, 46.7852,
-72.8796)

Have a look what the booklet for
YUV(123.1010, 46.7852, -72.8796)
contains.

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Color

**YUV(123.1010, 46.7852,
-72.8796)**

Conversions

Conversions Part 1

Format	Color
Hex	2893DA
RGB	40, 147, 218
RGB Percent	16%, 58%, 85%
CMY	0.8431, 0.4235, 0.1451
CMYK	0.82, 0.33, 0.00, 0.15
HSL	204°, 71%, 51%
HSV	204°, 82%, 85%
XYZ	23.9637, 26.3805, 70.1586
YIQ	123.1010, -86.5630, -0.6030

Conversions

Conversions Part 2

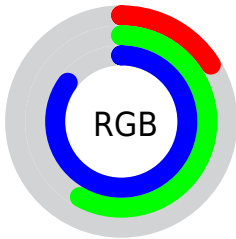
Format	Color
R _Y B	40, 107, 218
Decimal	2659290
CIE Lab	58.40, -4.80, -44.47
CIE LCh	58, 44.733, 263.834
Yxy	26.3805, 0.1989, 0.2189
Android (android.graphics.Color)	4280849370 (0xFF2893DA)
YUV	123.1010, 46.7852, -72.8796
Hunter-Lab	51.3620, -6.6016, -45.0346

Details

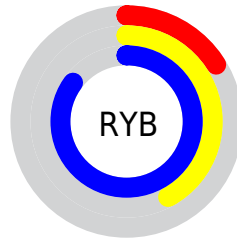
The YUV color **123.1010, 46.7852, -72.8796** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **134.8990, -46.7852, 72.8796**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.1430, 36.4115, -58.8844**, and **75.5210, 43.1271, -66.2319** is the 20% darker color. If you saturate the color by 10%, you get **111.2400, 52.6327, -81.7715**, and if you desaturate by 10%, it is **134.9620, 40.9377, -63.9877**.

Distribution



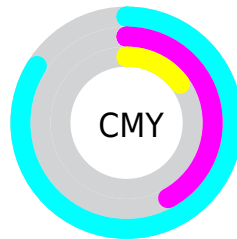
- Red (16%)
- Green (58%)
- Blue (85%)



- Red (16%)
- Yellow (42%)
- Blue (85%)



- Cyan (82%)
- Magenta (33%)
- Yellow (0%)
- Black (15%)



- Cyan (84%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.1010, 46.7852, -72.8796 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 123.1010, 46.7852, -72.8796 by changing the saturation by 10% instead.

■ 123.1010, 46.7852,
-72.8796

■ 123.1010, 46.7852,
-72.8796

■ 255.0000, 0.0000,
0.0000

■ 92.6870, 47.9753,
-81.2865

■ 181.1430, 36.4115,
-58.8844

■ 75.5210, 43.1271,
-66.2319

■ 207.1470, 23.5915,
-53.6259

■ 58.3550, 38.2790,
-51.1773

■ 231.3790, 11.6452,
-48.5674

■ 42.4770, 33.2888,
-37.2523

■ 240.6480, 7.0755,
-29.5093

■ 27.8870, 28.1567,
-24.4569

■ 249.9170, 2.5059,
-10.4512

■ 10.5900, 25.3451,
-9.2874

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 123.1010, 46.7852,
-72.8796

■ 123.1010, 46.7852,
-72.8796

■ 111.2400, 52.6327,
-81.7715

■ 134.9620, 40.9377,
-63.9877

■ 101.7490, 57.3117,
-89.2339

■ 146.2360, 35.3797,
-54.5810

■ 157.7980, 29.6796,
-46.3038

■ 169.6590, 23.8321,
-37.4119

■ 180.9330, 18.2740,
-28.0052

■ 192.7940, 12.4266,
-19.1133

■ 204.6550, 6.5791,
-10.2214

■ 216.2170, 0.8790,
-1.9443

■ 227.4910, -4.6791,
7.4624

Harmonies

Analogous

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



114.7140, 43.5250, -100.6042



123.1010, 46.7852, -72.8796



141.1090, 34.9493, -9.7426

Triad

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



123.1010, 46.7852, -72.8796



140.3240, -14.4567, 63.7369



127.4750, -17.4892, -37.2506

Complementary

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



123.1010, 46.7852, -72.8796



134.8990, -46.7852, 72.8796

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.



133.8680, -33.4589, -1.6382



123.1010, 46.7852, -72.8796



139.4200, -30.2801, 52.2517

Square

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



123.1010, 46.7852, -72.8796



142.9870, 3.4574, 57.8934



136.9150, -37.9191, 29.0155



108.8540, 10.9180, -95.4650

Rectangle

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



123.1010, 46.7852, -72.8796



144.5920, 25.8371, 19.6518



136.9150, -37.9191, 29.0155



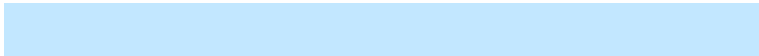
129.6570, -23.4949, -24.2552

Sweetspot

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



123.1010, 46.7852, -72.8796



222.6730, 15.9372, -25.1462



152.2380, -21.8093, -98.4327



108.1320, 9.7949, -15.0248



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.



123.1010, 46.7852, -72.8796



121.5500, 65.7908, -102.2144



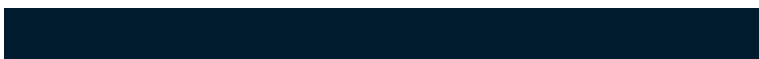
72.6190, 71.6728, -28.6069



103.7760, 3.0684, -4.1886



80.7700, 45.4694, -70.8353



21.6800, 11.9898, -19.0134

Inverse Universe

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



105.4200, 20.4989, 98.7327



96.8500, 28.6680, 138.6976



185.3810, -71.6728, 28.6069



102.9730, 0.9993, 6.1627



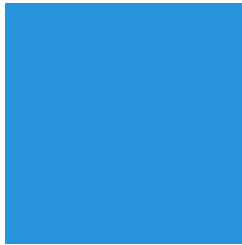
63.5830, 19.9256, 95.9587



16.9460, 5.4496, 25.4804

Previews

White Background



This preview shows how the YUV color 123.1010, 46.7852, -72.8796 looks on a white background.

Color Contrast Check

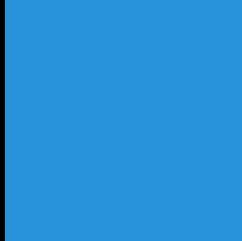
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.1010, 46.7852, -72.8796 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

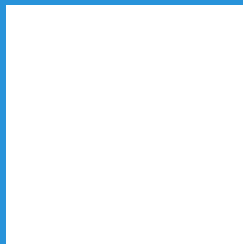
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.1010, 46.7852, -72.8796

Background



This preview shows how black text looks on a background with the YUV color 123.1010, 46.7852, -72.8796.

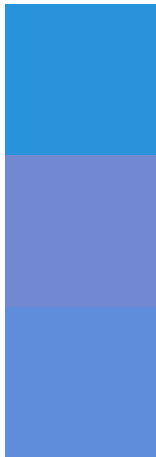


This preview shows how white text looks on a background with the YUV color 123.1010, 46.7852, -72.8796.

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

123.1010, 46.7852, -72.8796

Protanopia

138.3310, 34.8398, -21.3383

Deuteranopia

135.9640, 41.4297, -35.0484



Tritanopia

110.0230, 28.0897, -96.4902

Trichromacy



Original Color

123.1010, 46.7852, -72.8796

Protanomaly

132.9480, 38.9726, -40.2964

Deuteranomaly

131.6310, 43.0729, -48.7884

Tritanomaly

114.9130, 35.0459, -87.6237

Monochromacy



Original Color

123.1010, 46.7852, -72.8796

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.3030, 17.1056, -26.5757

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1010, 46.7852, -72.8796 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(40, 147, 218)` looks like.

```
.text, #text, p{  
    color:rgb(40, 147, 218)  
}
```

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(40, 147, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 147, 218) }
```

Border

The CSS property to change the border of an element to YUV 123.1010, 46.7852, -72.8796 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(40, 147, 218) }
```


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

```
.border{ border-color:rgb(40, 147, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 147, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 147, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 147, 218);  
box-shadow:4px 4px 4px 4px rgb(40, 147,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 123.1010, 46.7852, -72.8796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 147, 218) }
```

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

```
.background{ background-color: rgb(40, 147,  
218) }
```

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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