

Converting Colors

YUV(122.8940, 47.3803,
-77.0830)

Have a look what the booklet for
YUV(122.8940, 47.3803, -77.0830)
contains.

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Color

**YUV(122.8940, 47.3803,
-77.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	2395DB
RGB	35, 149, 219
RGB Percent	14%, 58%, 86%
CMY	0.8627, 0.4157, 0.1412
CMYK	0.84, 0.32, 0.00, 0.14
HSL	203°, 72%, 50%
HSV	203°, 84%, 86%
XYZ	24.2268, 26.9667, 70.9460
YIQ	122.8940, -90.4140, -2.3980

Conversions

Conversions Part 2

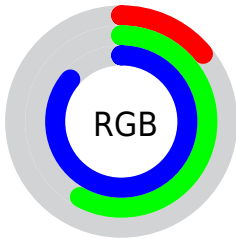
Format	Color
R _Y B	35, 105, 219
Decimal	2332123
CIE Lab	58.94, -6.01, -44.18
CIE LCh	59, 44.582, 262.252
Yxy	26.9667, 0.1984, 0.2208
Android (android.graphics.Color)	4280522203 (0xFF2395DB)
YUV	122.8940, 47.3803, -77.0830
Hunter-Lab	51.9295, -7.6006, -44.6514

Details

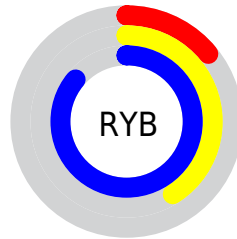
The YUV color **122.8940, 47.3803, -77.0830** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **131.1060, -47.3803, 77.0830**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.7190, 36.1275, -61.1436**, and **76.8090, 42.9852, -67.3615** is the 20% darker color. If you saturate the color by 10%, you get **111.6200, 52.9383, -86.4897**, and if you desaturate by 10%, it is **134.1680, 41.8222, -67.6763**.

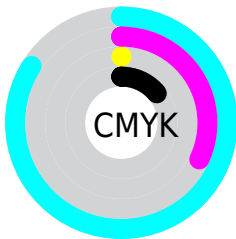
Distribution



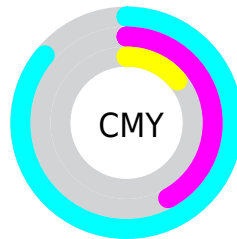
- Red (14%)
- Green (58%)
- Blue (86%)



- Red (14%)
- Yellow (41%)
- Blue (86%)



- Cyan (84%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (86%)
- Magenta (42%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8940, 47.3803, -77.0830 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 122.8940, 47.3803, -77.0830 by changing the saturation by 10% instead.

■ 122.8940, 47.3803,
-77.0830

■ 122.8940, 47.3803,
-77.0830

255.0000, 0.0000,
0.0000

■ 93.9750, 47.8333,
-82.4161

■ 181.7190, 36.1275,
-61.1436

■ 76.8090, 42.9852,
-67.3615

■ 207.7230, 23.3076,
-55.8851

■ 59.6430, 38.1370,
-52.3069

■ 231.0800, 11.7926,
-49.1822

■ 43.7650, 33.1469,
-38.3819

■ 240.0500, 7.3704,
-30.7388

■ 28.5880, 28.3041,
-25.0717

■ 249.3190, 2.8007,
-11.6808

■ 10.7040, 25.7819,
-9.3874

■ 6.3210, 16.6037,

-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 122.8940, 47.3803,
-77.0830

■ 122.8940, 47.3803,
-77.0830

■ 111.6200, 52.9383,
-86.4897

■ 134.1680, 41.8222,
-67.6763

■ 104.7980, 56.3016,
-91.9078

■ 146.0290, 35.9747,
-58.7844

■ 157.3030, 30.4166,
-49.3777

■ 168.5770, 24.8585,
-39.9710

■ 180.4380, 19.0111,
-31.0791

■ 191.4130, 13.6004,
-22.2872

■ 202.6870, 8.0423,
-12.8805

■ 214.5480, 2.1948,
-3.9886

■ 225.8220, -3.3632,
5.4181

Harmonies

Analogous

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



115.8880, 42.9462, -101.6338



122.8940, 47.3803, -77.0830



142.5000, 35.2495, -12.7165

Triad

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



122.8940, 47.3803, -77.0830



142.4380, -14.0199, 63.6369



129.2580, -18.3682, -35.3063

Complementary

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



122.8940, 47.3803, -77.0830



131.1060, -47.3803, 77.0830

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.



135.0640, -34.0486, 0.8209



122.8940, 47.3803, -77.0830



141.2460, -29.7013, 53.2813

Square

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



122.8940, 47.3803, -77.0830



144.6170, 4.6258, 56.4639



138.9260, -37.9245, 30.7599



109.3270, 10.1918, -95.8798

Rectangle

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



122.8940, 47.3803, -77.0830



145.8090, 26.7162, 17.7075



138.9260, -37.9245, 30.7599



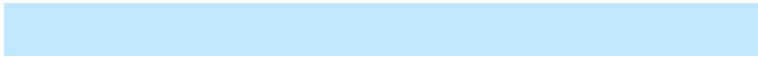
131.4400, -24.3739, -22.3109

Sweetspot

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



122.8940, 47.3803, -77.0830



221.7760, 16.3794, -26.9906



150.6460, -23.9825, -101.4215



107.5340, 10.0897, -16.2543



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.



122.8940, 47.3803, -77.0830



121.8160, 65.6597, -106.8326



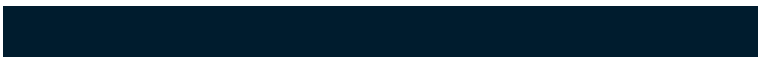
70.6510, 73.1361, -31.2659



103.7760, 3.0684, -4.1886



82.5310, 44.6012, -72.3797



21.6800, 11.9898, -19.0134

Inverse Universe

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



103.0120, 22.6721, 101.7215



94.2570, 31.4253, 140.9716



183.3490, -73.1361, 31.2659



102.9730, 0.9993, 6.1627



63.9250, 21.2360, 95.6588



16.9460, 5.4496, 25.4804

Previews

White Background



This preview shows how the YUV color 122.8940, 47.3803, -77.0830 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 122.8940, 47.3803, -77.0830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

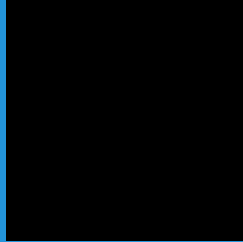
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

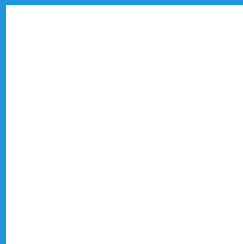
Any Text WCAG AAA × Fail

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

YUV 122.8940, 47.3803, -77.0830 Background



This preview shows how black text looks on a background with the YUV color 122.8940, 47.3803, -77.0830.

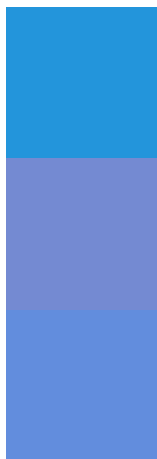


This preview shows how white text looks on a background with the YUV color 122.8940, 47.3803, -77.0830.

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

122.8940, 47.3803, -77.0830

Protanopia

139.6300, 34.6924, -20.7235

Deuteranopia

137.2630, 41.2823, -34.4337



Tritanopia

111.3110, 27.9477, -97.6197

Trichromacy



Original Color

122.8940, 47.3803, -77.0830

Protanomaly

133.6490, 39.1200, -40.9112

Deuteranomaly

132.0330, 43.3677, -50.0179

Tritanomaly

115.6030, 35.1987, -89.9828

Monochromacy



Original Color

122.8940, 47.3803, -77.0830

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.7050, 17.4004, -27.8053

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8940, 47.3803, -77.0830 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(35, 149, 219)` looks like.

```
.text, #text, p{  
    color:rgb(35, 149, 219)  
}
```

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(35, 149, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 149, 219) }
```

Border

The CSS property to change the border of an element to YUV 122.8940, 47.3803, -77.0830 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(35, 149, 219) }
```


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

```
.border{ border-color:rgb(35, 149, 219) }
```

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

Here you see how a box with a 4 pixel rgb(35, 149, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 149, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 149, 219);  
box-shadow:4px 4px 4px 4px rgb(35, 149,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 122.8940, 47.3803, -77.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 149, 219) }
```

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

```
.background{ background-color: rgb(35, 149,  
219) }
```

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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