

Converting Colors

YUV(112.8310, 39.5233,
-77.0278)

Have a look what the booklet for
YUV(112.8310, 39.5233, -77.0278)
contains.

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Color

**YUV(112.8310, 39.5233,
-77.0278)**

Conversions

Conversions Part 1

Format	Color
Hex	198EC1
RGB	25, 142, 193
RGB Percent	10%, 56%, 76%
CMY	0.9020, 0.4431, 0.2431
CMYK	0.87, 0.26, 0.00, 0.24
HSL	198°, 77%, 43%
HSV	198°, 87%, 76%
XYZ	19.6995, 23.4029, 53.9310
YIQ	112.8310, -86.1030, -8.9430

Conversions

Conversions Part 2

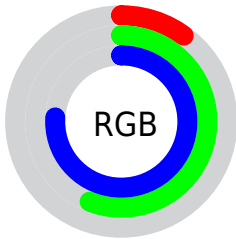
Format	Color
R _Y B	25, 94, 193
Decimal	1674945
CIE Lab	55.48, -12.23, -34.99
CIE LCh	55, 37.067, 250.740
Yxy	23.4029, 0.2030, 0.2412
Android (android.graphics.Color)	4279865025 (0xFF198EC1)
YUV	112.8310, 39.5233, -77.0278
Hunter-Lab	48.3766, -11.9716, -32.2339

Details

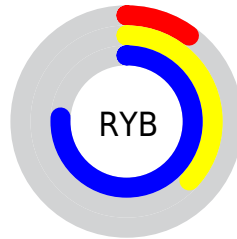
The YUV color **112.8310, 39.5233, -77.0278** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **105.1690, -39.5233, 77.0278**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3490, 37.2959, -62.5731**, and **69.8500, 34.0909, -61.2584** is the 20% darker color. If you saturate the color by 10%, you get **103.6280, 44.0604, -85.6198**, and if you desaturate by 10%, it is **122.0340, 34.9862, -68.4358**.

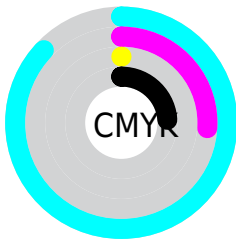
Distribution



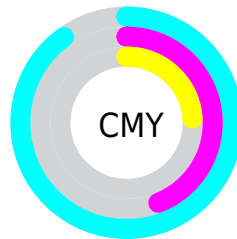
- Red (10%)
- Green (56%)
- Blue (76%)



- Red (10%)
- Yellow (37%)
- Blue (76%)



- Cyan (87%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)



- Cyan (90%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8310, 39.5233, -77.0278 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 112.8310, 39.5233, -77.0278 by changing the saturation by 10% instead.

■ 112.8310, 39.5233,
-77.0278

■ 112.8310, 39.5233,
-77.0278

■ 255.0000, 0.0000,
0.0000

■ 87.0160, 38.9391,
-76.3130

■ 174.3490, 37.2959,
-62.5731

■ 69.8500, 34.0909,
-61.2584

■ 200.6240, 26.8074,
-58.4292

■ 52.7980, 29.6796,
-46.3038

■ 226.0300, 14.2822,
-54.4003

■ 37.1480, 25.5630,
-32.5788

■ 236.7610, 8.9918,
-37.5014

■ 23.2590, 20.5783,
-20.3981

■ 245.7310, 4.5696,
-19.0581

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 112.8310, 39.5233,
-77.0278

■ 112.8310, 39.5233,
-77.0278

■ 103.6280, 44.0604,
-85.6198

■ 122.0340, 34.9862,
-68.4358

■ 100.6600, 45.5236,
-88.2788

■ 131.5360, 30.3018,
-59.2291

■ 140.7390, 25.7647,
-50.6371

■ 149.3550, 21.5170,
-41.5303

■ 158.8570, 16.8325,
-32.3236

■ 168.0600, 12.2954,
-23.7316

■ 177.2630, 7.7583,
-15.1397

■ 186.4660, 3.2213,
-6.5477

■ 195.9680, -1.4632,
2.6591

Harmonies

Analogous

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



106.7120, 33.1730, -93.5864



112.8310, 39.5233, -77.0278



130.6250, 32.2299, -24.2271

Triad

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



112.8310, 39.5233, -77.0278



134.7230, -6.2724, 51.9859



125.3960, -20.9012, -16.1333

Complementary

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



112.8310, 39.5233, -77.0278



105.1690, -39.5233, 77.0278

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.



129.4550, -30.2973, 11.0020



112.8310, 39.5233, -77.0278



133.3300, -20.3757, 48.8226

Square

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



112.8310, 39.5233, -77.0278



136.6580, 9.0426, 39.7649



131.8260, -29.4942, 33.4786



118.3670, -3.6319, -48.5569

Rectangle

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



112.8310, 39.5233, -77.0278



135.1830, 26.0388, 1.5935



131.8260, -29.4942, 33.4786



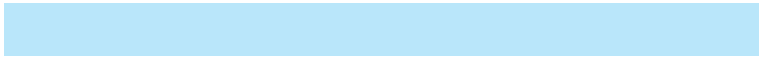
127.0120, -25.1489, -7.0265

Sweetspot

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



112.8310, 39.5233, -77.0278



218.8250, 15.3693, -29.6645



129.3160, -26.7778, -91.4851



106.2950, 9.2216, -17.7987



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.



112.8310, 39.5233, -77.0278



130.6380, 58.8455, -114.5695



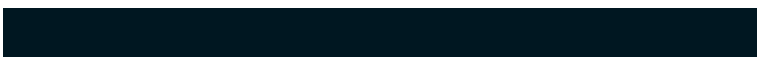
64.1100, 63.5428, -34.2995



92.2490, 2.3422, -4.6034



84.0980, 37.9127, -73.7539



17.2630, 7.7583, -15.1397

Inverse Universe

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



88.5700, 26.3410, 91.5851



94.5860, 39.1511, 136.2981



153.8900, -63.5428, 34.2995



90.7880, 1.5835, 5.4479



60.9070, 25.1888, 87.7816



12.4890, 5.1819, 17.9881

Previews

White Background



This preview shows how the YUV color 112.8310, 39.5233, -77.0278 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 112.8310, 39.5233, -77.0278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

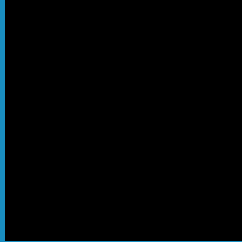
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.8310, 39.5233, -77.0278

Background



This preview shows how black text looks on a background with the YUV color 112.8310, 39.5233, -77.0278.

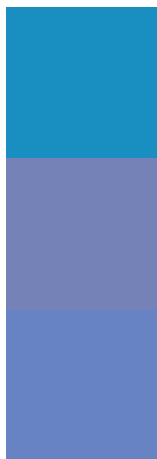


This preview shows how white text looks on a background with the YUV color 112.8310, 39.5233, -77.0278.

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

112.8310, 39.5233, -77.0278

Protanopia

131.9700, 25.6508, -14.0057

Deuteranopia

130.3370, 32.3719, -23.0975



Tritanopia

104.3010, 26.4736, -91.4720

Trichromacy



Original Color

112.8310, 39.5233, -77.0278

Protanomaly

124.7930, 30.6681, -36.6525

Deuteranomaly

123.9000, 35.0523, -42.8853

Tritanomaly

107.3000, 31.4041, -86.2091

Monochromacy



Original Color

112.8310, 39.5233, -77.0278

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1950, 14.2009, -28.2350

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8310, 39.5233, -77.0278 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(25, 142, 193)` looks like.

```
.text, #text, p{  
    color:rgb(25, 142, 193)  
}
```

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(25, 142, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 142, 193) }
```

Border

The CSS property to change the border of an element to YUV 112.8310, 39.5233, -77.0278 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(25, 142, 193) }
```


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

```
.border{ border-color:rgb(25, 142, 193) }
```

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

Here you see how a box with a 4 pixel rgb(25, 142, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 142, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 142, 193);  
box-shadow:4px 4px 4px 4px rgb(25, 142,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 112.8310, 39.5233, -77.0278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 142, 193) }
```

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

```
.background{ background-color: rgb(25, 142,  
193) }
```

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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