

Converting Colors

YUV(128.7280, 39.0811,
-75.1835)

Have a look what the booklet for
YUV(128.7280, 39.0811, -75.1835)
contains.

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Color

**YUV(128.7280, 39.0811,
-75.1835)**

Conversions

Conversions Part 1

Format	Color
Hex	2B9DD0
RGB	43, 157, 208
RGB Percent	17%, 62%, 82%
CMY	0.8314, 0.3843, 0.1843
CMYK	0.79, 0.25, 0.00, 0.18
HSL	199°, 66%, 49%
HSV	199°, 79%, 82%
XYZ	24.4384, 29.1816, 64.0191
YIQ	128.7280, -84.3150, -8.3070

Conversions

Conversions Part 2

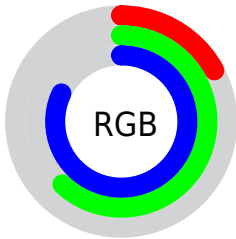
Format	Color
R_{YB}	43, 110, 208
Decimal	2858448
CIE _{Lab}	60.94, -13.70, -34.89
CIE _{LCh}	61, 37.487, 248.560
Yxy	29.1816, 0.2077, 0.2481
Android (android.graphics.Color)	4281048528 (0xFF2B9DD0)
YUV	128.7280, 39.0811, -75.1835
Hunter-Lab	54.0200, -13.7824, -32.4506

Details

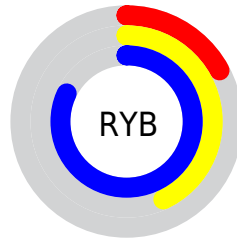
The YUV color **128.7280, 39.0811, -75.1835** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **122.2720, -39.0811, 75.1835**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.6000, 33.2282, -64.5472**, and **79.6640, 36.1546, -69.8653** is the 20% darker color. If you saturate the color by 10%, you get **118.9270, 43.9130, -85.0050**, and if you desaturate by 10%, it is **138.5290, 34.2492, -65.3619**.

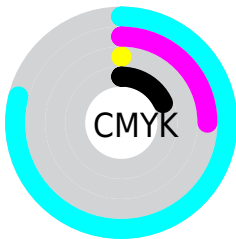
Distribution



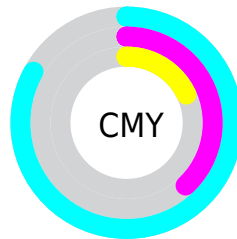
- Red (17%)
- Green (62%)
- Blue (82%)



- Red (17%)
- Yellow (43%)
- Blue (82%)



- Cyan (79%)
- Magenta (25%)
- Yellow (0%)
- Black (18%)



- Cyan (83%)
- Magenta (38%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.7280, 39.0811, -75.1835 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 128.7280, 39.0811, -75.1835 by changing the saturation by 10% instead.

■ 128.7280, 39.0811,
-75.1835

■ 128.7280, 39.0811,
-75.1835

■ 255.0000, 0.0000,
0.0000

■ 97.4170, 40.7134,
-85.4347

■ 187.6000, 33.2282,
-64.5472

■ 79.6640, 36.1546,
-69.8653

■ 213.3050, 20.5556,
-59.9035

■ 62.6120, 31.7433,
-54.9107

■ 231.3790, 11.6452,
-48.5674

■ 46.2610, 27.4793,
-40.5709

■ 240.3490, 7.2229,
-30.1241

■ 30.6110, 23.3628,
-26.8458

■ 249.6180, 2.6533,
-11.0660

■ 12.7270, 20.8406,
-11.1616

■ 4.8220, 13.3988,

-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 128.7280, 39.0811,
-75.1835

■ 128.7280, 39.0811,
-75.1835

■ 118.9270, 43.9130,
-85.0050

■ 138.5290, 34.2492,
-65.3619

■ 108.5390, 49.0343,
-94.3117

■ 148.9170, 29.1279,
-56.0552

■ 108.2400, 49.1817,
-94.9265

■ 158.4190, 24.4434,
-46.8485

■ 168.8070, 19.3221,
-37.5417

■ 178.6080, 14.4903,
-27.7202

■ 188.9960, 9.3690,
-18.4135

■ 198.7970, 4.5371,
-8.5920

■ 208.2990, -0.1474,
0.6148

■ 218.6870, -5.2687,
9.9215

Harmonies

Analogous

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



116.9990, 34.5105, -102.6081



128.7280, 39.0811, -75.1835



144.2440, 33.4037, -27.4010

Triad

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



128.7280, 39.0811, -75.1835



149.6630, -5.2569, 52.9155



139.6520, -22.5064, -14.6038

Complementary

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



128.7280, 39.0811, -75.1835



122.2720, -39.0811, 75.1835

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.



143.5370, -31.3237, 13.5611



128.7280, 39.0811, -75.1835



148.0530, -20.2391, 51.6965

Square

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



128.7280, 39.0811, -75.1835



151.0000, 10.3530, 39.4650



146.4350, -29.7945, 36.4525



133.5090, -5.6739, -46.9274

Rectangle

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



128.7280, 39.0811, -75.1835



149.2150, 27.5020, -1.0656



146.4350, -29.7945, 36.4525



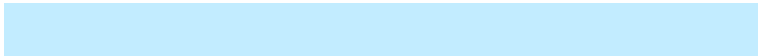
141.5670, -26.9015, -4.8823

Sweetspot

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



128.7280, 39.0811, -75.1835



225.6080, 14.4903, -27.7202



145.5550, -25.9096, -89.9407



109.8930, 8.9268, -16.5692



0.0000, 0.0000, 0.0000



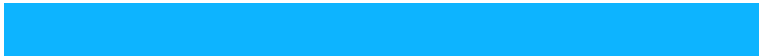
128.0000, 0.0000, 0.0000

Same Dimension

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



128.7280, 39.0811, -75.1835



138.6170, 57.3768, -110.1661



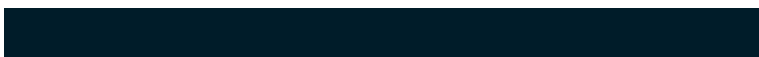
81.1810, 62.5218, -33.4847



99.3630, 2.7790, -4.7034



87.2440, 39.8127, -76.5130



21.1100, 9.8058, -18.5135

Inverse Universe

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



105.3310, 25.4728, 90.0407



104.3960, 37.2728, 132.0797



169.8190, -62.5218, 33.4847



98.0870, 1.4361, 6.0627



63.4560, 25.9042, 91.6851



15.4510, 6.1867, 22.4065

Previews

White Background



This preview shows how the YUV color 128.7280, 39.0811, -75.1835 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 128.7280, 39.0811, -75.1835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

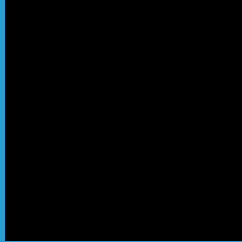
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.7280, 39.0811, -75.1835

Background



This preview shows how black text looks on a background with the YUV color 128.7280, 39.0811, -75.1835.



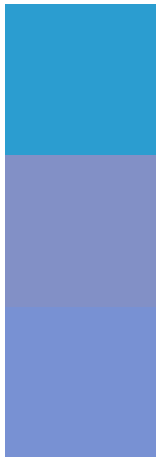
This preview shows how white text looks on a background with the YUV color 128.7280, 39.0811, -75.1835.

-75.1835.

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

128.7280, 39.0811, -75.1835

Protanopia

145.9700, 25.6508, -14.0057

Deuteranopia

145.0490, 32.5138, -21.9680



Tritanopia

115.0440, 29.5583, -100.8936

Trichromacy



Original Color

128.7280, 39.0811, -75.1835

Protanomaly

139.7930, 30.6681, -36.6525

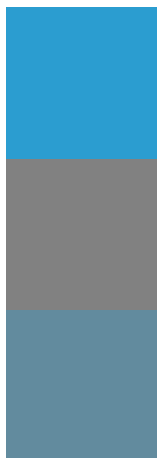
Deuteranomaly

138.9110, 35.0469, -41.1409

Tritanomaly

120.0220, 33.0202, -91.2273

Monochromacy



Original Color

128.7280, 39.0811, -75.1835

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9070, 14.3428, -27.1054

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.7280, 39.0811, -75.1835 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(43, 157, 208)` looks like.

```
.text, #text, p{  
    color:rgb(43, 157, 208)  
}
```

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(43, 157, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 157, 208) }
```

Border

The CSS property to change the border of an element to YUV 128.7280, 39.0811, -75.1835 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(43, 157, 208) }
```


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

```
.border{ border-color:rgb(43, 157, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 157, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 157, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 157, 208);  
box-shadow:4px 4px 4px 4px rgb(43, 157,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 128.7280, 39.0811, -75.1835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 157, 208) }
```

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

```
.background{ background-color: rgb(43, 157,  
208) }
```

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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