

Converting Colors

YUV(138.3620, 27.4295,
-71.3545)

Have a look what the booklet for
YUV(138.3620, 27.4295, -71.3545)
contains.

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Color

**YUV(138.3620, 27.4295,
-71.3545)**

Conversions

Conversions Part 1

Format	Color
Hex	39A9C2
RGB	57, 169, 194
RGB Percent	22%, 66%, 76%
CMY	0.7765, 0.3373, 0.2392
CMYK	0.71, 0.13, 0.00, 0.24
HSL	191°, 55%, 49%
HSV	191°, 71%, 76%
XYZ	25.6129, 33.1408, 56.0858
YIQ	138.3620, -74.7770, -15.9690

Conversions

Conversions Part 2

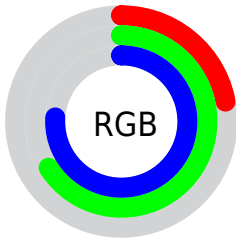
Format	Color
RYB	57, 119, 194
Decimal	3779010
CIELab	64.27, -23.06, -21.92
CIELCh	64, 31.811, 223.550
Yxy	33.1408, 0.2230, 0.2886
Android (android.graphics.Color)	4281969090 (0xFF39A9C2)
YUV	138.3620, 27.4295, -71.3545
Hunter-Lab	57.5681, -21.3268, -17.4657

Details

The YUV color **138.3620, 27.4295, -71.3545** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **112.6380, -27.4295, 71.3545**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.5800, 26.8291, -65.4067**, and **84.6390, 27.2930, -74.2284** is the 20% darker color. If you saturate the color by 10%, you get **130.3330, 31.3878, -80.9760**, and if you desaturate by 10%, it is **146.3910, 23.4712, -61.7329**.

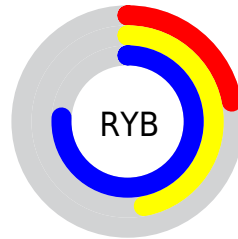
Distribution



Red (22%)

Green (66%)

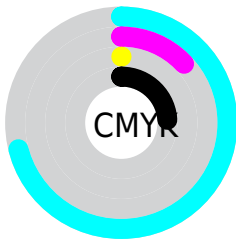
Blue (76%)



Red (22%)

Yellow (47%)

Blue (76%)

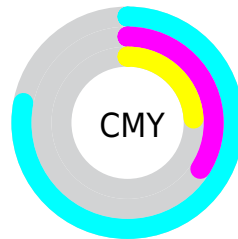


Cyan (71%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (78%)

Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.3620, 27.4295, -71.3545 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 138.3620, 27.4295, -71.3545 by changing the saturation by 10% instead.

■ 138.3620, 27.4295,
-71.3545

■ 138.3620, 27.4295,
-71.3545

■ 255.0000, 0.0000,
0.0000

■ 102.3920, 31.8517,
-89.7978

■ 196.5800, 26.8291,
-65.4067

■ 84.6390, 27.2930,
-74.2284

■ 223.0290, 15.7617,
-62.2924

■ 67.1140, 23.6078,
-58.8590

■ 232.8740, 10.9081,
-45.4935

■ 50.1760, 19.6332,
-44.0044

■ 241.8440, 6.4859,
-27.0502

■ 34.0530, 16.2429,
-29.8645

■ 250.8140, 2.0637,
-8.6069

■ 19.6910, 11.9843,
-17.2690

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 138.3620, 27.4295,
-71.3545

■ 138.3620, 27.4295,
-71.3545

■ 130.3330, 31.3878,
-80.9760

■ 146.3910, 23.4712,
-61.7329

■ 122.5920, 35.2041,
-91.7272

■ 154.1320, 19.6549,
-50.9818

■ 115.4490, 38.7256,
-101.2488

■ 162.1610, 15.6966,
-41.3602

■ 169.9020, 11.8803,
-30.6091

■ 177.9310, 7.9220,
-20.9875

■ 185.3730, 4.2531,
-10.8511

■ 193.7010, 0.1474,
-0.6148

■ 201.1430, -3.5215,
9.5216

■ 209.4710, -7.6272,
19.7579

Harmonies

Analogous

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



138.6650, 14.4622, -65.4812



138.3620, 27.4295, -71.3545



147.1290, 30.9954, -48.3481

Triad

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



138.3620, 27.4295, -71.3545



159.9520, 6.4327, 36.8761



152.5840, -25.9239, 8.2578

Complementary

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



138.3620, 27.4295, -71.3545



112.6380, -27.4295, 71.3545

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.



155.6020, -26.4258, 29.2900



138.3620, 27.4295, -71.3545



158.4620, -7.1298, 46.9528

Square

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



138.3620, 27.4295, -71.3545



159.6100, 18.4333, 14.3740



157.5250, -19.4858, 43.3896



149.6070, -17.5543, -16.3183

Rectangle

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



138.3620, 27.4295, -71.3545



152.8050, 29.1831, -27.0160



157.5250, -19.4858, 43.3896



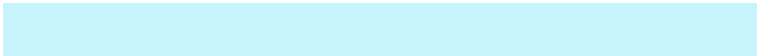
153.6990, -26.9666, 16.0500

Sweetspot

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



138.3620, 27.4295, -71.3545



230.8700, 10.4171, -27.9500



140.0410, -29.6002, -72.8270



114.9100, 6.4534, -16.5841



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.



138.3620, 27.4295, -71.3545



165.1210, 42.8313, -111.4851



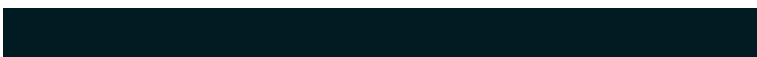
99.6200, 46.5293, -37.3777



92.8360, 2.0529, -5.1182



95.2510, 32.4143, -83.5351



19.6110, 6.6008, -17.1988

Inverse Universe

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



110.7310, 28.7266, 73.0269



121.9360, 44.8946, 114.0661



151.3800, -46.5293, 37.3777



90.9020, 2.0203, 5.3479



63.0730, 33.4880, 85.8820



12.9450, 6.9291, 17.5882

Previews

White Background



This preview shows how the YUV color 138.3620, 27.4295, -71.3545 looks on a white background.

Color Contrast Check

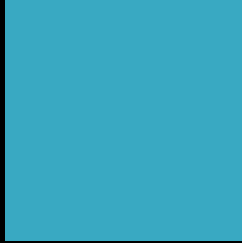
Large Text (above 18pt) WCAG AA × Fail

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 138.3620, 27.4295, -71.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

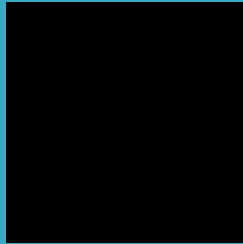
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 138.3620, 27.4295, -71.3545 Background



This preview shows how black text looks on a background with the YUV color 138.3620, 27.4295, -71.3545.

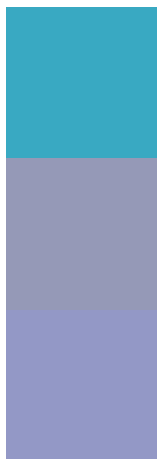


This preview shows how white text looks on a background with the YUV color 138.3620, 27.4295, -71.3545.

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

138.3620, 27.4295, -71.3545

Protanopia

155.2240, 13.6936, -5.4584

Deuteranopia

155.7490, 20.8297, -7.6729



Tritanopia

136.6020, 23.3672, -75.0730

Trichromacy



Original Color

138.3620, 27.4295, -71.3545

Protanomaly

149.3350, 18.5688, -29.2348

Deuteranomaly

149.2900, 23.5210, -30.9493

Tritanomaly

137.0690, 25.1090, -73.7285

Monochromacy



Original Color

138.3620, 27.4295, -71.3545

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.0660, 9.8275, -25.4909

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.3620, 27.4295, -71.3545 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(57, 169, 194)` looks like.

```
.text, #text, p{  
    color:rgb(57, 169, 194)  
}
```

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(57, 169, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 169, 194) }
```

Border

The CSS property to change the border of an element to YUV 138.3620, 27.4295, -71.3545 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(57, 169, 194) }
```


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

```
.border{ border-color:rgb(57, 169, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 169, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(57, 169, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(57, 169, 194); box-shadow:4px 4px 4px 4px rgb(57, 169, 194) }
```

Background

The CSS property to change the background color of an element to YUV 138.3620, 27.4295, -71.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 169, 194) }
```

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

```
.background{ background-color: rgb(57, 169,  
194) }
```

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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