

Converting Colors

YUV(127.8870, 34.5657,
-73.5689)

Have a look what the booklet for
YUV(127.8870, 34.5657, -73.5689)
contains.

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Color

**YUV(127.8870, 34.5657,
-73.5689)**

Conversions

Conversions Part 1

Format	Color
Hex	2C9DC6
RGB	44, 157, 198
RGB Percent	17%, 62%, 78%
CMY	0.8275, 0.3843, 0.2235
CMYK	0.78, 0.21, 0.00, 0.22
HSL	196°, 64%, 47%
HSV	196°, 78%, 78%
XYZ	23.2887, 28.7266, 57.7434
YIQ	127.8870, -80.5090, -11.2050

Conversions

Conversions Part 2

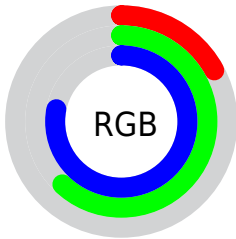
Format	Color
R_{YB}	44, 109, 198
Decimal	2923974
CIE _{Lab}	60.54, -17.04, -29.92
CIE _{LCh}	61, 34.432, 240.345
Yxy	28.7266, 0.2122, 0.2617
Android (android.graphics.Color)	4281114054 (0xFF2C9DC6)
YUV	127.8870, 34.5657, -73.5689
Hunter-Lab	53.5972, -16.2345, -26.3585

Details

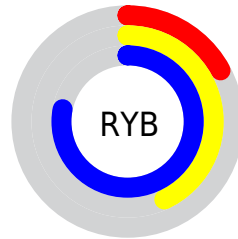
The YUV color **127.8870, 34.5657, -73.5689** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark muted azure. A complement of this color would be **114.1130, -34.5657, 73.5689**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3010, 33.3756, -65.1620**, and **78.6380, 32.2235, -68.9655** is the 20% darker color. If you saturate the color by 10%, you get **118.9720, 38.9608, -83.2904**, and if you desaturate by 10%, it is **136.8020, 30.1706, -63.8474**.

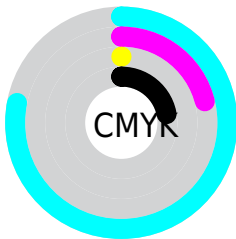
Distribution



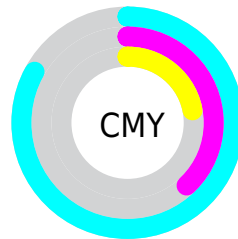
- Red (17%)
- Green (62%)
- Blue (78%)



- Red (17%)
- Yellow (43%)
- Blue (78%)



- Cyan (78%)
- Magenta (21%)
- Yellow (0%)
- Black (22%)



- Cyan (83%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.8870, 34.5657, -73.5689 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 127.8870, 34.5657, -73.5689 by changing the saturation by 10% instead.

■ 127.8870, 34.5657,
-73.5689

■ 127.8870, 34.5657,
-73.5689

■ 255.0000, 0.0000,
0.0000

■ 96.3910, 36.7822,
-84.5349

■ 187.3010, 33.3756,
-65.1620

■ 78.6380, 32.2235,
-68.9655

■ 213.0060, 20.7030,
-60.5183

■ 60.9990, 28.1015,
-53.4961

■ 230.7810, 11.9400,
-49.7969

■ 44.6480, 23.8375,
-39.1563

■ 239.7510, 7.5178,
-31.3536

■ 29.5850, 19.4316,
-25.9460

■ 248.7210, 3.0955,
-12.9103

■ 9.4670, 18.5038,
-8.3026

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 127.8870, 34.5657,
-73.5689

■ 127.8870, 34.5657,
-73.5689

■ 118.9720, 38.9608,
-83.2904

■ 136.8020, 30.1706,
-63.8474

■ 109.4700, 43.6453,
-92.4972

■ 146.3040, 25.4861,
-54.6406

■ 107.6870, 44.5243,
-94.4415

■ 154.9200, 21.2384,
-45.5338

■ 163.8350, 16.8433,
-35.8123

■ 172.7500, 12.4482,
-26.0907

■ 182.2520, 7.7638,
-16.8840

■ 191.1670, 3.3687,
-7.1625

■ 199.7830, -0.8790,
1.9443

■ 208.6980, -5.2741,
11.6659

Harmonies

Analogous

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



114.5710, 30.2845, -100.4788



127.8870, 34.5657, -73.5689



141.4450, 31.8256, -34.5933

Triad

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



127.8870, 34.5657, -73.5689



149.0690, -1.0200, 47.2975



140.3650, -23.8439, -5.5821

Complementary

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



127.8870, 34.5657, -73.5689



114.1130, -34.5657, 73.5689

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.



143.5530, -28.8666, 18.8090



127.8870, 34.5657, -73.5689



147.7090, -15.1395, 49.3672

Square

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



127.8870, 34.5657, -73.5689



150.3300, 13.1483, 29.5286



146.1840, -25.7267, 38.4266



135.4460, -10.0799, -33.7171

Rectangle

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



127.8870, 34.5657, -73.5689



146.8610, 27.6765, -10.4021



146.1840, -25.7267, 38.4266



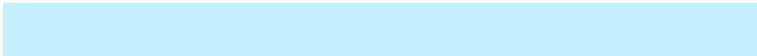
142.0240, -26.6338, 2.6100

Sweetspot

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



127.8870, 34.5657, -73.5689



227.9670, 13.3273, -28.0351



138.7300, -27.9679, -83.0782



111.3660, 8.2006, -16.9840



0.0000, 0.0000, 0.0000



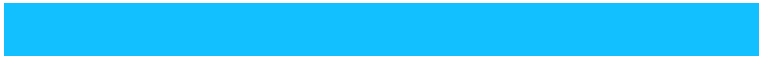
128.0000, 0.0000, 0.0000

Same Dimension

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



127.8870, 34.5657, -73.5689



147.1560, 53.1671, -113.2698



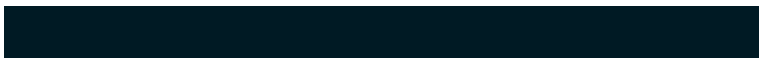
83.8620, 56.2700, -34.9590



95.1350, 1.9054, -4.5034



89.0220, 36.4712, -78.0723



19.3660, 8.2006, -16.9840

Inverse Universe

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



102.9280, 26.6575, 83.3781



108.6990, 41.0674, 128.3060



158.1380, -56.2700, 34.9590



93.4890, 1.7309, 4.8331



62.4170, 28.3884, 88.2113



13.7280, 6.0501, 19.5325

Previews

White Background



This preview shows how the YUV color 127.8870, 34.5657, -73.5689 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 127.8870, 34.5657, -73.5689 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 127.8870, 34.5657, -73.5689

Background



This preview shows how black text looks on a background with the YUV color 127.8870, 34.5657, -73.5689.

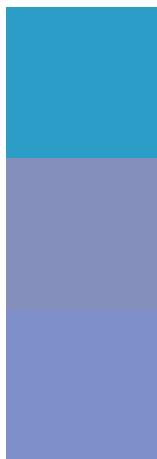


This preview shows how white text looks on a background with the YUV color 127.8870, 34.5657, -73.5689.

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

127.8870, 34.5657, -73.5689

Protanopia

145.1400, 21.1300, -10.6468

Deuteranopia

144.5290, 27.8402, -16.2499



Tritanopia

116.7350, 28.2316, -95.3606

Trichromacy



Original Color

127.8870, 34.5657, -73.5689

Protanomaly

138.9630, 26.1472, -33.2936

Deuteranomaly

138.3800, 30.3787, -37.1673

Tritanomaly

121.0610, 30.5359, -87.7535

Monochromacy



Original Color

127.8870, 34.5657, -73.5689

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0380, 12.3063, -27.2203

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.8870, 34.5657, -73.5689 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(44, 157, 198)` looks like.

```
.text, #text, p{  
    color:rgb(44, 157, 198)  
}
```

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(44, 157, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 157, 198) }
```

Border

The CSS property to change the border of an element to YUV 127.8870, 34.5657, -73.5689 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(44, 157, 198) }
```


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

```
.border{ border-color:rgb(44, 157, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 157, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 157, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 157, 198);  
box-shadow:4px 4px 4px 4px rgb(44, 157,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 127.8870, 34.5657, -73.5689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 157, 198) }
```

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

```
.background{ background-color: rgb(44, 157,  
198) }
```

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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