

Converting Colors

YUV(122.0010, 35.0025,
-73.6689)

Have a look what the booklet for
YUV(122.0010, 35.0025, -73.6689)
contains.

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Color

**YUV(122.0010, 35.0025,
-73.6689)**

Conversions

Conversions Part 1

Format	Color
Hex	2697C1
RGB	38, 151, 193
RGB Percent	15%, 59%, 76%
CMY	0.8510, 0.4078, 0.2431
CMYK	0.80, 0.22, 0.00, 0.24
HSL	196°, 67%, 45%
HSV	196°, 80%, 76%
XYZ	21.4916, 26.3955, 54.4142
YIQ	122.0010, -80.8300, -10.8940

Conversions

Conversions Part 2

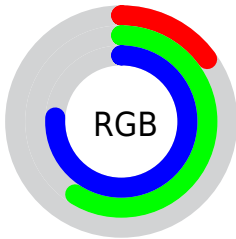
Format	Color
R _Y B	38, 103, 193
Decimal	2529217
CIE Lab	58.41, -16.12, -30.42
CIE LCh	58, 34.428, 242.074
Yxy	26.3955, 0.2101, 0.2580
Android (android.graphics.Color)	4280719297 (0xFF2697C1)
YUV	122.0010, 35.0025, -73.6689
Hunter-Lab	51.3766, -15.2399, -26.8319

Details

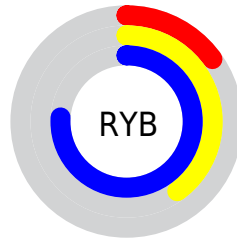
The YUV color **122.0010, 35.0025, -73.6689** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark muted azure. A complement of this color would be **108.9990, -35.0025, 73.6689**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.4260, 33.8070, -63.5176**, and **74.5460, 31.7758, -65.3768** is the 20% darker color. If you saturate the color by 10%, you get **113.3850, 39.2502, -82.7756**, and if you desaturate by 10%, it is **130.6170, 30.7548, -64.5621**.

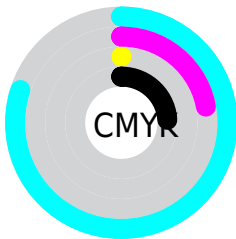
Distribution



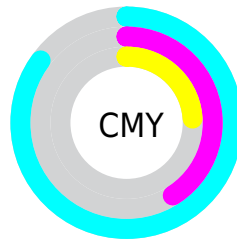
- Red (15%)
- Green (59%)
- Blue (76%)



- Red (15%)
- Yellow (40%)
- Blue (76%)



- Cyan (80%)
- Magenta (22%)
- Yellow (0%)
- Black (24%)



- Cyan (85%)
- Magenta (41%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.0010, 35.0025, -73.6689 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 122.0010, 35.0025, -73.6689 by changing the saturation by 10% instead.

■ 122.0010, 35.0025,
-73.6689

■ 122.0010, 35.0025,
-73.6689

■ 255.0000, 0.0000,
0.0000

■ 92.2990, 36.3346,
-80.9462

■ 181.4260, 33.8070,
-63.5176

■ 74.5460, 31.7758,
-65.3768

■ 207.4020, 23.4658,
-59.9886

■ 57.6080, 27.8013,
-50.5222

■ 229.2860, 12.6770,
-52.8708

■ 41.2570, 23.5373,
-36.1824

■ 238.2560, 8.2548,
-34.4275

■ 26.7810, 18.8420,
-23.4869

■ 247.5250, 3.6852,
-15.3694

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 122.0010, 35.0025,
-73.6689

■ 122.0010, 35.0025,
-73.6689

■ 113.3850, 39.2502,
-82.7756

■ 130.6170, 30.7548,
-64.5621

■ 104.7690, 43.4979,
-91.8824

■ 139.5320, 26.3597,
-54.8406

■ 148.7350, 21.8226,
-46.2486

■ 157.3510, 17.5750,
-37.1418

■ 166.2660, 13.1799,
-27.4203

■ 174.8820, 8.9322,
-18.3135

■ 184.0850, 4.3951,
-9.7215

■ 192.7010, 0.1474,
-0.6148

■ 201.6160, -4.2477,
9.1068

Harmonies

Analogous

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



111.0660, 29.5475, -97.4049



122.0010, 35.0025, -73.6689



136.3420, 31.3834, -32.7489

Triad

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



122.0010, 35.0025, -73.6689



143.4280, -2.1830, 46.9826



134.5820, -22.9649, -7.5264

Complementary

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



122.0010, 35.0025, -73.6689



108.9990, -35.0025, 73.6689

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.



137.8410, -29.0086, 17.6794



122.0010, 35.0025, -73.6689



141.8830, -15.7183, 48.3376

Square

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



122.0010, 35.0025, -73.6689



144.7000, 11.9799, 30.9581



140.4720, -25.8687, 37.2971



129.9620, -9.3483, -35.0467

Rectangle

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



122.0010, 35.0025, -73.6689



141.6440, 26.7975, -8.4578



140.4720, -25.8687, 37.2971



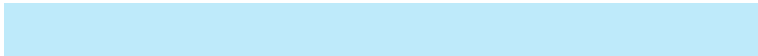
136.1270, -26.1916, 0.7656

Sweetspot

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



122.0010, 35.0025, -73.6689



222.6680, 13.4747, -28.6498



133.6590, -26.9469, -83.8929



108.3660, 8.2006, -16.9840



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.



122.0010, 35.0025, -73.6689



140.0850, 54.1881, -114.0845



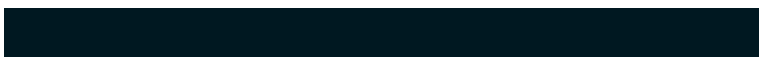
76.8020, 57.2856, -34.0294



92.2490, 2.3422, -4.6034



87.0330, 36.4657, -76.3279



17.8500, 7.4690, -15.6544

Inverse Universe

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



97.2270, 26.5101, 83.9929



101.7100, 41.0620, 130.0503



154.1980, -57.2856, 34.0294



90.7880, 1.5835, 5.4479



61.4770, 27.3728, 87.2817



12.6030, 5.6187, 17.8882

Previews

White Background



This preview shows how the YUV color 122.0010, 35.0025, -73.6689 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 122.0010, 35.0025, -73.6689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

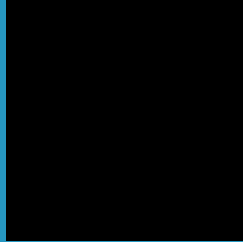
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.0010, 35.0025, -73.6689

Background



This preview shows how black text looks on a background with the YUV color 122.0010, 35.0025, -73.6689.

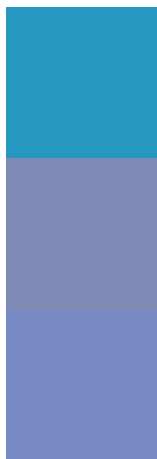


This preview shows how white text looks on a background with the YUV color 122.0010, 35.0025, -73.6689.

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

122.0010, 35.0025, -73.6689

Protanopia

139.8410, 21.2774, -11.2616

Deuteranopia

139.2300, 27.9876, -16.8647



Tritanopia

110.1370, 28.5265, -96.5901

Trichromacy



Original Color

122.0010, 35.0025, -73.6689

Protanomaly

133.6640, 26.2946, -33.9083

Deuteranomaly

133.0810, 30.5261, -37.7820

Tritanomaly

114.7620, 30.6833, -88.3683

Monochromacy



Original Color

122.0010, 35.0025, -73.6689

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.1520, 12.7431, -27.3203

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.0010, 35.0025, -73.6689 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(38, 151, 193)` looks like.

```
.text, #text, p{  
    color:rgb(38, 151, 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(38, 151, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 151, 193) }
```

Border

The CSS property to change the border of an element to YUV 122.0010, 35.0025, -73.6689 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(38, 151, 193) }
```


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

```
.border{ border-color:rgb(38, 151, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 151, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 151, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 151, 193);  
box-shadow:4px 4px 4px 4px rgb(38, 151,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 122.0010, 35.0025, -73.6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 151, 193) }
```

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

```
.background{ background-color: rgb(38, 151,  
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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