

Converting Colors

YUV(129.5790, 28.3086,
-73.2988)

Have a look what the booklet for
YUV(129.5790, 28.3086, -73.2988)
contains.

YUV(129.5790, 28.3086, -73.2988)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(129.5790, 28.3086,
-73.2988)**

Conversions

Conversions Part 1

Format	Color
Hex	2EA1BB
RGB	46, 161, 187
RGB Percent	18%, 63%, 73%
CMY	0.8196, 0.3686, 0.2667
CMYK	0.75, 0.14, 0.00, 0.27
HSL	191°, 61%, 46%
HSV	191°, 75%, 73%
XYZ	22.8412, 29.6584, 51.5345
YIQ	129.5790, -76.8860, -16.2940

Conversions

Conversions Part 2

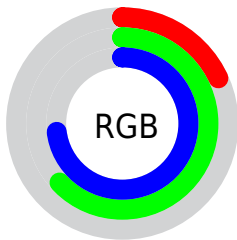
Format	Color
R_{YB}	46, 109, 187
Decimal	3056059
CIE _{Lab}	61.36, -22.58, -22.49
CIE _{LCh}	61, 31.868, 224.878
Yxy	29.6584, 0.2196, 0.2851
Android (android.graphics.Color)	4281246139 (0xFF2EA1BB)
YUV	129.5790, 28.3086, -73.2988
Hunter-Lab	54.4596, -20.4384, -17.9838




Details

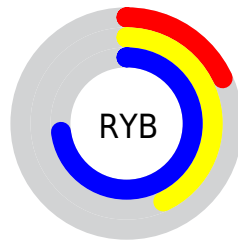
The YUV color **129.5790, 28.3086, -73.2988** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **103.4210, -28.3086, 73.2988**, and the grayscale version is **129.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **188.2810, 26.9765, -66.0214**, and **79.2590, 26.9873, -69.5101** is the 20% darker color. If you saturate the color by 10%, you get **122.1370, 31.9775, -83.4351**, and if you desaturate by 10%, it is **137.0210, 24.6396, -63.1624**.

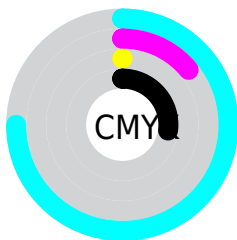
Distribution







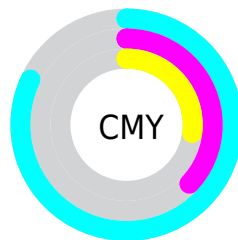
-  Red (18%)
-  Green (63%)
-  Blue (73%)






-  Red (18%)
-  Yellow (43%)
-  Blue (73%)



-  Cyan (75%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (27%)



-  Cyan (82%)
-  Magenta (37%)
-  Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.5790, 28.3086, -73.2988 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 129.5790, 28.3086, -73.2988 by changing the saturation by 10% instead.

■ 129.5790, 28.3086,
-73.2988

■ 129.5790, 28.3086,
-73.2988

■ 255.0000, 0.0000,
0.0000

■ 97.4850, 30.8199,
-85.4943

■ 188.2810, 26.9765,
-66.0214

■ 79.2590, 26.9873,
-69.5101

■ 215.6420, 19.4035,
-63.7070

■ 62.2070, 22.5759,
-54.5555

■ 230.4820, 12.0874,
-50.4117

■ 45.3830, 19.0382,
-39.8009

■ 239.4520, 7.6652,
-31.9684

■ 29.8470, 15.3584,
-26.1758

■ 248.4220, 3.2430,
-13.5251

■ 11.4900, 13.5624,
-10.0767

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 129.5790, 28.3086,
-73.2988

■ 129.5790, 28.3086,
-73.2988

■ 122.1370, 31.9775,
-83.4351

■ 137.0210, 24.6396,
-63.1624

■ 114.4070, 35.7883,
-92.4419

■ 144.7510, 20.8288,
-54.1556

■ 111.1290, 37.4044,
-97.4601

■ 152.1930, 17.1599,
-44.0193

■ 160.2220, 13.2016,
-34.3977

■ 167.6640, 9.5326,
-24.2613

■ 175.3940, 5.7218,
-15.2545

■ 182.8360, 2.0529,
-5.1182

■ 190.8650, -1.9054,
4.5034

■ 198.0080, -5.4269,
14.0250

Harmonies

Analogous

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



129.6970, 15.9254, -68.1403



129.5790, 28.3086, -73.2988



139.4280, 30.8480, -47.7334

Triad

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



129.5790, 28.3086, -73.2988



151.8380, 5.9959, 36.9761



144.9860, -25.6291, 7.0283

Complementary

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



129.5790, 28.3086, -73.2988



103.4210, -28.3086, 73.2988

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.



147.3030, -26.2784, 28.6753



129.5790, 28.3086, -73.2988



150.9350, -7.8560, 46.5380

Square

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



129.5790, 28.3086, -73.2988



151.7950, 17.8491, 15.0888



149.2260, -19.3384, 42.7748



141.1230, -16.8226, -17.6479

Rectangle

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



129.5790, 28.3086, -73.2988



145.4030, 28.8883, -25.7864



149.2260, -19.3384, 42.7748



145.9870, -27.1086, 14.9204

Sweetspot

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



129.5790, 28.3086, -73.2988



219.6850, 11.0013, -28.6647



131.7310, -29.4474, -75.1861



108.3120, 6.7482, -17.8136



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



129.5790, 28.3086, -73.2988



153.3380, 43.7104, -113.4294



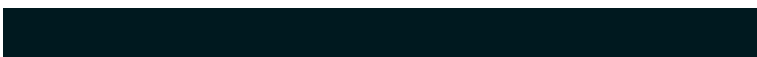
88.4890, 48.5659, -37.2629



90.7220, 1.6161, -5.0182



93.7350, 31.6826, -82.2056



18.2090, 6.3060, -15.9693

Inverse Universe

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



101.2690, 29.4474, 75.1861



109.4740, 45.6153, 116.2253



144.5110, -48.5659, 37.2629



88.6030, 2.1677, 4.7332



61.9480, 33.0566, 84.2376



12.1190, 6.3503, 16.5586

Previews

White Background



This preview shows how the YUV color 129.5790, 28.3086, -73.2988 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 129.5790, 28.3086, -73.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

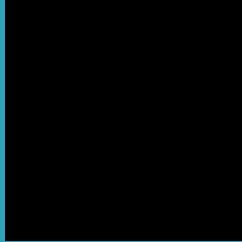
Any Text WCAG AA ✓ Pass

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 129.5790, 28.3086, -73.2988 Background



This preview shows how black text looks on a background with the YUV color 129.5790, 28.3086, -73.2988.

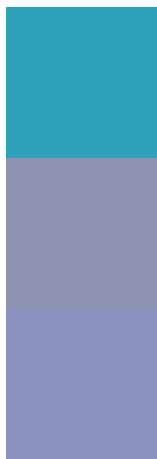


This preview shows how white text looks on a background with the YUV color 129.5790, 28.3086, -73.2988.

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

129.5790, 28.3086, -73.2988

Protanopia

147.9250, 13.8410, -6.0732

Deuteranopia

148.1510, 21.1246, -8.9024



Tritanopia

126.8080, 24.2517, -78.7616

Trichromacy



Original Color

129.5790, 28.3086, -73.2988

Protanomaly

140.8510, 19.3005, -30.5643

Deuteranomaly

141.6920, 23.8158, -32.1789

Tritanomaly

127.5740, 25.8460, -76.8024

Monochromacy



Original Color

129.5790, 28.3086, -73.2988

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.5820, 10.5591, -26.8204

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.5790, 28.3086, -73.2988 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(46, 161, 187)` looks like.

```
.text, #text, p{  
    color:rgb(46, 161, 187)  
}
```

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(46, 161, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 161, 187) }
```

Border

The CSS property to change the border of an element to YUV 129.5790, 28.3086, -73.2988 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(46, 161, 187) }
```


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

```
.border{ border-color:rgb(46, 161, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 161, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 161, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 161, 187);  
box-shadow:4px 4px 4px 4px rgb(46, 161,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 129.5790, 28.3086, -73.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 161, 187) }
```

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

```
.background{ background-color: rgb(46, 161,  
187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor