

Converting Colors

YUV(159.7850, 29.1930,
-76.9874)

Have a look what the booklet for
YUV(159.7850, 29.1930, -76.9874)
contains.

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Color

**YUV(159.7850, 29.1930,
-76.9874)**

Conversions

Conversions Part 1

Format	Color
Hex	48C1DB
RGB	72, 193, 219
RGB Percent	28%, 76%, 86%
CMY	0.7176, 0.2431, 0.1412
CMYK	0.67, 0.12, 0.00, 0.14
HSL	191°, 67%, 57%
HSV	191°, 67%, 86%
XYZ	34.5286, 44.6321, 73.8128
YIQ	159.7850, -80.4620, -17.5660

Conversions

Conversions Part 2

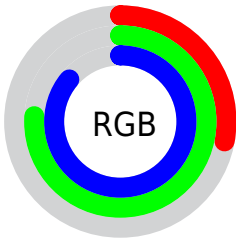
Format	Color
RYB	72, 138, 219
Decimal	4768219
CIELab	72.65, -25.34, -22.85
CIELCh	73, 34.122, 222.040
Yxy	44.6321, 0.2257, 0.2918
Android (android.graphics.Color)	4282958299 (0xFF48C1DB)
YUV	159.7850, 29.1930, -76.9874
Hunter-Lab	66.8073, -24.6569, -18.7422

Details

The YUV color **159.7850, 29.1930, -76.9874** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **131.2150, -29.1930, 76.9874**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.7830, 18.8410, -69.9697**, and **100.2890, 31.4095, -87.9535** is the 20% darker color. If you saturate the color by 10%, you get **150.8590, 33.5935, -88.4533**, and if you desaturate by 10%, it is **168.7110, 24.7925, -65.5215**.

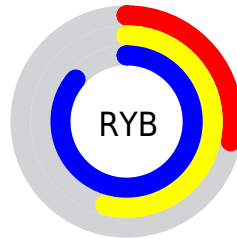
Distribution



Red (28%)

Green (76%)

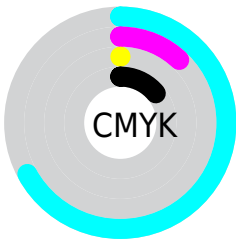
Blue (86%)



Red (28%)

Yellow (54%)

Blue (86%)

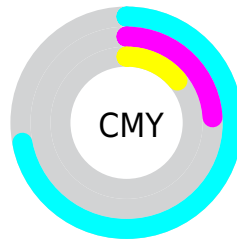


Cyan (67%)

Magenta (12%)

Yellow (0%)

Black (14%)



Cyan (72%)

Magenta (24%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.7850, 29.1930, -76.9874 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 159.7850, 29.1930, -76.9874 by changing the saturation by 10% instead.

■ 159.7850, 29.1930,
-76.9874

■ 159.7850, 29.1930,
-76.9874

■ 255.0000, 0.0000,
0.0000

■ 127.5880, 31.2621,
-87.3387

■ 216.7830, 18.8410,
-69.9697

■ 100.2890, 31.4095,
-87.9535

■ 228.6880, 12.9718,
-54.1004

■ 82.0630, 27.5769,
-71.9693

■ 237.6580, 8.5496,
-35.6571

■ 65.0110, 23.1656,
-57.0146

■ 246.9270, 3.9800,
-16.5990

■ 48.1870, 19.6278,
-42.2600

■ 31.9500, 15.8006,
-28.0202

■ 15.9410, 12.8471,

-13.9803

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 159.7850, 29.1930,
-76.9874

■ 159.7850, 29.1930,
-76.9874

■ 150.8590, 33.5935,
-88.4533

■ 168.7110, 24.7925,
-65.5215

■ 141.9330, 37.9940,
-99.9192

■ 177.6370, 20.3920,
-54.0556

■ 133.0070, 42.3945,
-111.3851

■ 186.5630, 15.9914,
-42.5898

■ 130.6260, 43.5684,
-114.5590

■ 194.9020, 11.8803,
-30.6091

■ 203.5290, 7.6272,
-19.7579

■ 212.4550, 3.2267,
-8.2920

■ 221.3810, -1.1738,
3.1739

■ 230.3070, -5.5744,
14.6398

■ 235.0470, -7.9112,
17.4988

Harmonies

Analogous

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



160.0450, 14.7678, -70.1995



159.7850, 29.1930, -76.9874



168.7800, 33.6325, -54.1811

Triad

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



159.7850, 29.1930, -76.9874



182.9030, 7.4428, 39.5501



174.9110, -28.5501, 10.6021

Complementary

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



159.7850, 29.1930, -76.9874



131.2150, -29.1930, 76.9874

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.



177.9400, -29.0574, 33.3786



159.7850, 29.1930, -76.9874



181.7830, -7.2880, 51.0563

Square

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



159.7850, 29.1930, -76.9874



182.2940, 21.0541, 13.7742



179.9170, -20.6651, 48.3078



171.3250, -19.8802, -16.9480

Rectangle

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



159.7850, 29.1930, -76.9874



174.5810, 32.2516, -31.2045



179.9170, -20.6651, 48.3078



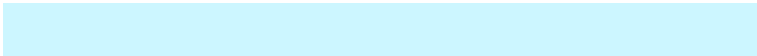
176.3250, -29.7402, 19.0090

Sweetspot

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



159.7850, 29.1930, -76.9874



234.4680, 10.1223, -26.7204



161.0250, -32.0573, -78.0749



115.2090, 6.3060, -15.9693



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.



159.7850, 29.1930, -76.9874



171.3880, 41.2207, -108.2113



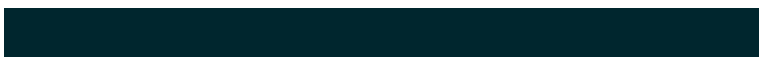
117.5210, 50.0291, -39.9219



105.5370, 2.2003, -5.7329



103.6630, 34.1831, -90.9125



27.5500, 9.0959, -24.1613

Inverse Universe

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



129.7470, 31.1837, 78.2749



129.2730, 43.7424, 110.2626



173.4790, -50.0291, 39.9219



103.3150, 2.3097, 5.8627



68.0290, 36.9607, 92.0596



18.0860, 9.8176, 24.4806

Previews

White Background



This preview shows how the YUV color 159.7850, 29.1930, -76.9874 looks on a white background.

Color Contrast Check

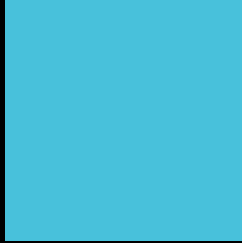
Large Text (above 18pt) WCAG AA × Fail

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 159.7850, 29.1930, -76.9874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

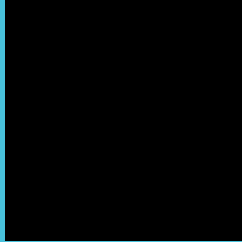
Any Text WCAG AA ✓ Pass

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 159.7850, 29.1930, -76.9874 Background



This preview shows how black text looks on a background with the YUV color 159.7850, 29.1930, -76.9874.



This preview shows how white text looks on a background with the YUV color 159.7850, 29.1930, -76.9874.

-76.9874.

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

159.7850, 29.1930, -76.9874

Protanopia

177.4520, 14.5672, -5.6584

Deuteranopia

178.3900, 21.9927, -7.3580



Tritanopia

157.8510, 25.7095, -79.6763

Trichromacy



Original Color

159.7850, 29.1930, -76.9874

Protanomaly

171.2530, 19.5953, -31.7939

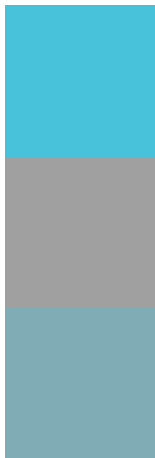
Deuteranomaly

171.6210, 24.8368, -32.9936

Tritanomaly

158.7910, 26.7250, -78.7467

Monochromacy



Original Color

159.7850, 29.1930, -76.9874

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8700, 10.4171, -27.9500

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.7850, 29.1930, -76.9874 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(72, 193, 219)` looks like.

```
.text, #text, p{  
    color:rgb(72, 193, 219)  
}
```

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(72, 193, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 193, 219) }
```

Border

The CSS property to change the border of an element to YUV 159.7850, 29.1930, -76.9874 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(72, 193, 219) }
```


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

```
.border{ border-color:rgb(72, 193, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 193, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 193, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 193, 219);  
box-shadow:4px 4px 4px 4px rgb(72, 193,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 159.7850, 29.1930, -76.9874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 193, 219) }
```

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

```
.background{ background-color: rgb(72, 193,  
219) }
```

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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