

Converting Colors

YIQ(128.4720, -122.0010,
-19.1610)

Have a look what the booklet for
YIQ(128.4720, -122.0010, -19.1610)
contains.

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Color

**YIQ(128.4720, -122.0010,
-19.1610)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00AEE7 |
| RGB | 0, 174, 231 |
| RGB Percent | 0%, 68%, 91% |
| CMY | 0.9998, 0.3174, 0.0946 |
| CMYK | 1.00, 0.25, 0.00, 0.09 |
| HSL | 195°, 100%, 45% |
| HSV | 195°, 100%, 91% |
| XYZ | 29.5550, 36.0623, 80.9046 |
| YIQ | 128.4720, -122.0010, -19.1610 |

Conversions

Conversions Part 2

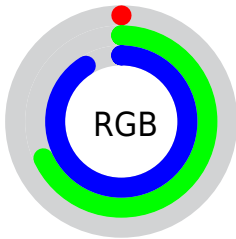
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 99, 231 |
| Decimal | 44775 |
| CIELab | 66.57, -17.15, -38.79 |
| CIELCh | 67, 42.414, 246.144 |
| Yxy | 36.0623, 0.2017, 0.2461 |
| Android (android.graphics.Color) | 4278234855 (0xFF00AEE7) |
| YUV | 128.4720, 50.5463, -112.6699 |
| Hunter-Lab | 60.0519, -17.2408, -37.8417 |

Details

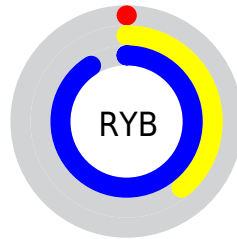
The YIQ color **128.4720, -122.0010, -19.1610** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **102.5280, 122.0010, 19.1610**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.4860, -81.0580, -17.7780**, and **91.5640, -89.7250, -9.3810** is the 20% darker color. If you saturate the color by 10%, you get **128.4720, -122.0010, -19.1610**, and if you desaturate by 10%, it is **138.8710, -109.9430, -17.4230**.

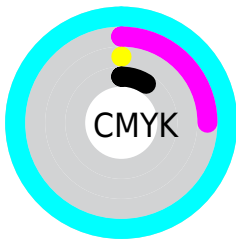
Distribution



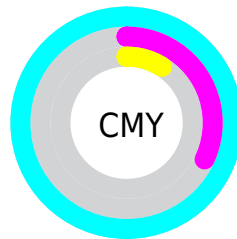
- Red (0%)
- Green (68%)
- Blue (91%)



- Red (0%)
- Yellow (39%)
- Blue (91%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (32%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.4720, -122.0010, -19.1610 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 YIQ color 128.4720, -122.0010, -19.1610 by changing the saturation by 10% instead.

■ 128.4720,
-122.0010, -19.1610

■ 128.4720,
-122.0010, -19.1610

■ 255.0000, -0.0000,
-0.0000

■ 109.4310,
-105.5880, -13.7480

■ 196.0730,
-81.3330, -18.3010

■ 91.5640, -89.7250,
-9.3810

■ 220.9140,
-67.9440, -24.1680

■ 73.8110, -74.1830,
-4.7030

■ 230.4820,
-48.8720, -17.3840

■ 56.7590, -59.2370,
-0.2370

■ 239.7510,
-30.3960, -10.8120

■ 40.9950, -45.1620,
3.4940

■ 249.0200,
-11.9200, -4.2400

■ 26.5190, -31.9580,
6.4900

■ 8.0480, -17.1500,

13.4580

■ 4.3660, -9.5380,
7.6620

■ 0.0000, 0.0000,
0.0000

■ 128.4720,
-122.0010, -19.1610

■ 138.8710,
-109.9430, -17.4230

■ 148.6830,
-97.6100, -15.1620

■ 159.0820,
-85.5520, -13.4240

■ 169.4810,
-73.4940, -11.6860

■ 179.2930,
-61.1610, -9.4250

■ 189.9910,
-48.5070, -7.4750

■ 200.3900,
-36.4490, -5.7370

■ 210.7890,
-24.3910, -3.9990

■ 220.6010,
-12.0580, -1.7380

Harmonies

Analogous

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



129.1440, -115.6260, -30.0740



128.4720, -122.0010, -19.1610



157.3830, -51.7660, 13.0500

Triad

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



128.4720, -122.0010, -19.1610



164.5330, 53.6840, 29.3000



154.0990, 2.8940, -30.4340

Complementary

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



128.4720, -122.0010, -19.1610



102.5280, 122.0010, 19.1610

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.



157.8920, 34.5740, -20.8660



128.4720, -122.0010, -19.1610



162.4670, 62.0770, 14.8530

Square

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



128.4720, -122.0010, -19.1610



166.4180, 29.3830, 34.6870



161.0400, 55.2490, -4.5830



146.2050, -38.5070, -34.5310

Rectangle

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



128.4720, -122.0010, -19.1610



163.8600, -22.0120, 24.4840



161.0400, 55.2490, -4.5830



155.7260, 14.3100, -28.0740

Sweetspot

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



128.4720, -122.0010, -19.1610



221.1230, -40.0710, -6.1750



141.7530, -80.8590, -104.0190



107.2020, -24.1160, -3.4760



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.



128.4720, -122.0010, -19.1610



141.7740, -134.6550, -21.1110



62.7280, -91.2010, 39.4150



109.6510, -6.3270, -0.9750



99.6510, -94.5840, -14.9360



28.1200, -26.8210, -4.0130

Inverse Universe

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



88.9050, 81.8220, 103.0860



98.1330, 90.3480, 113.7720



168.2720, 91.2010, -39.4150



107.6140, 4.2630, 5.3430



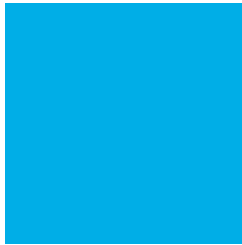
68.9110, 63.3490, 79.9330



19.5810, 18.1980, 22.6300

Previews

White Background



This preview shows how the YIQ color 128.4720, -122.0010, -19.1610 looks on a white background.

Color Contrast Check

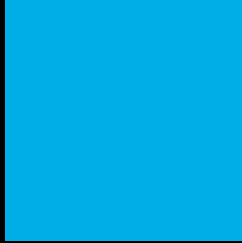
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 128.4720, -122.0010, -19.1610 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](#).

YIQ 128.4720, -122.0010, -19.1610 Background



This preview shows how black text looks on a background with the YIQ color 128.4720, -122.0010, -19.1610.



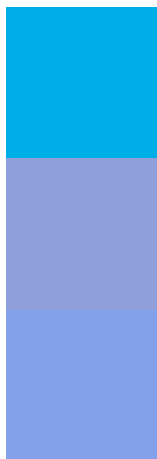
This preview shows how white text looks on a background with the YIQ color 128.4720, -122.0010, -19.1610.

-19.1610.

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

128.4720, -122.0010, -19.1610

Protanopia

161.0560, -28.7960, 15.2680

Deuteranopia

159.7650, -41.0380, 16.8660



Tritanopia

126.9610, -110.8570, -33.9050

Trichromacy



Original Color

128.4720, -122.0010, -19.1610

Protanomaly

148.8990, -62.4470, 2.8730

Deuteranomaly

148.2340, -70.7000, 3.7640

Tritanomaly

127.3830, -114.8010, -28.5050

Monochromacy



Original Color

128.4720, -122.0010, -19.1610

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.1440, -44.5640, -7.3480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.4720, -122.0010, -19.1610 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(0, 174, 231)` looks like.

```
.text, #text, p{  
    color:rgb(0, 174, 231)  
}
```

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(0, 174, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 174, 231) }
```

Border

The CSS property to change the border of an element to YIQ 128.4720, -122.0010, -19.1610 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(0, 174, 231) }
```


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

```
.border{ border-color:rgb(0, 174, 231) }
```

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

Here you see how a box with a 4 pixel rgb(0, 174, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 174, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 174, 231);  
box-shadow:4px 4px 4px 4px rgb(0, 174,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 128.4720, -122.0010, -19.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 174, 231) }
```

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

```
.background{ background-color: rgb(0, 174,  
231) }
```

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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