

Converting Colors

YIQ(138.7780, -123.2830,
-28.9710)

Have a look what the booklet for
YIQ(138.7780, -123.2830, -28.9710)
contains.

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Color

**YIQ(138.7780, -123.2830,
-28.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	03BFE2
RGB	3, 191, 226
RGB Percent	1%, 75%, 89%
CMY	0.9884, 0.2507, 0.1142
CMYK	0.99, 0.15, 0.00, 0.11
HSL	189°, 97%, 45%
HSV	189°, 99%, 89%
XYZ	32.3937, 42.7985, 78.4104
YIQ	138.7780, -123.2830, -28.9710

Conversions

Conversions Part 2

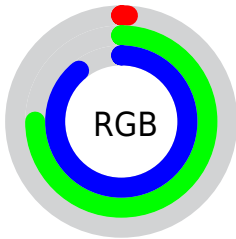
Format	Color
R _Y B	3, 105, 226
Decimal	245730
CIE Lab	71.42, -27.55, -28.55
CIE LCh	71, 39.670, 226.022
Yxy	42.7985, 0.2109, 0.2786
Android (android.graphics.Color)	4278435810 (0xFF03BFE2)
YUV	138.7780, 43.0004, -119.0773
Hunter-Lab	65.4206, -26.1000, -25.2681

Details

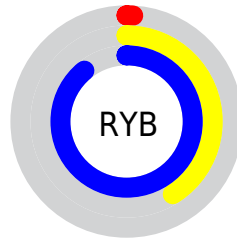
The YIQ color **138.7780, -123.2830, -28.9710** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **90.2220, 123.2830, 28.9710**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.2370, -85.0910, -27.2910**, and **99.9130, -92.5660, -18.4700** is the 20% darker color. If you saturate the color by 10%, you get **137.8810, -125.0710, -29.6070**, and if you desaturate by 10%, it is **148.0030, -110.6750, -26.1870**.

Distribution



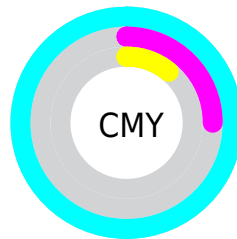
- Red (1%)
- Green (75%)
- Blue (89%)



- Red (1%)
- Yellow (41%)
- Blue (89%)



- Cyan (99%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (99%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.7780, -123.2830, -28.9710 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 138.7780, -123.2830, -28.9710 by changing the saturation by 10% instead.

■ 138.7780,
-123.2830, -28.9710

■ 138.7780,
-123.2830, -28.9710

■ 255.0000, -0.0000,
-0.0000

■ 118.8400,
-108.6580, -24.1940

■ 206.9380,
-85.6870, -27.5030

■ 99.7990, -92.2450,
-18.7810

■ 221.2130,
-67.3480, -23.9560

■ 82.1600, -77.0240,
-13.7920

■ 230.7810,
-48.2760, -17.1720

■ 64.5210, -61.8030,
-8.8030

■ 240.0500,
-29.8000, -10.6000

■ 47.5830, -47.1780,
-4.0260

■ 249.6180,
-10.7280, -3.8160

■ 31.9330, -33.4240,
0.0160

■ 12.9890, -18.6620,

7.8180

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 138.7780,
-123.2830, -28.9710

■ 138.7780,
-123.2830, -28.9710

■ 137.8810,
-125.0710, -29.6070

■ 148.0030,
-110.6750, -26.1870

■ 156.3420,
-98.3880, -23.0920

■ 165.5670,
-85.7800, -20.3080

■ 173.9060,
-73.4930, -17.2130

■ 183.1310,
-60.8850, -14.4290

■ 191.4700,
-48.5980, -11.3340

■ 200.6950,
-35.9900, -8.5500

■ 209.3330,
-23.1070, -5.2430

■ 218.2590,
-11.0950, -2.6710

Harmonies

Analogous

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



144.6650, -98.3400, -34.9800



138.7780, -123.2830, -28.9710



162.1470, -75.0090, -0.7450

Triad

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



138.7780, -123.2830, -28.9710



179.7300, 37.1320, 31.9160



170.4500, 24.0750, -23.3250

Complementary

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



138.7780, -123.2830, -28.9710



90.2220, 123.2830, 28.9710

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.



173.6860, 47.3180, -9.5300



138.7780, -123.2830, -28.9710



177.4420, 55.1980, 23.8860

Square

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



138.7780, -123.2830, -28.9710



179.0930, 5.3130, 30.3770



175.9840, 58.8230, 7.7430



165.6400, -8.9350, -30.8150

Rectangle

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



138.7780, -123.2830, -28.9710



171.4220, -47.5020, 12.8660



175.9840, 58.8230, 7.7430



171.4620, 32.9690, -19.3110

Sweetspot

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



138.7780, -123.2830, -28.9710



225.2320, -41.9960, -9.8360



137.6630, -71.9180, -106.3660



109.5500, -25.2160, -5.5680



0.0000, 0.0000, 0.0000



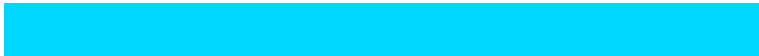
128.0000, -0.0000, -0.0000

Same Dimension

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



138.7780, -123.2830, -28.9710



155.2750, -140.9800, -33.1400



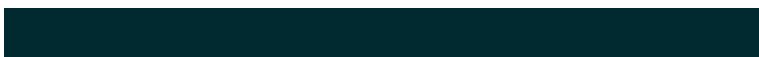
74.2080, -93.0330, 28.5590



107.5370, -6.0060, -1.2860



106.9400, -97.1960, -22.6680



29.5390, -26.6830, -6.5150

Inverse Universe

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



91.1090, 72.5600, 105.7440



100.7550, 82.9650, 120.9250



154.7920, 93.0330, -28.5590



105.3150, 3.6670, 5.1310



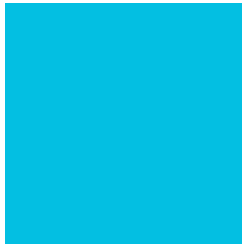
69.4960, 57.3880, 83.3400



19.0260, 15.4470, 22.9270

Previews

White Background



This preview shows how the YIQ color 138.7780, -123.2830, -28.9710 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 138.7780, -123.2830, -28.9710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

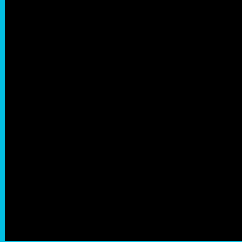
Any Text WCAG AA ✓ Pass

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 138.7780, -123.2830, -28.9710 Background



This preview shows how black text looks on a background with the YIQ color 138.7780, -123.2830, -28.9710.

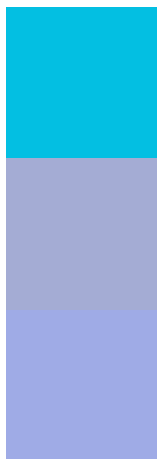


This preview shows how white text looks on a background with the YIQ color 138.7780, -123.2830, -28.9710.

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

138.7780, -123.2830, -28.9710

Protanopia

174.1680, -17.6080, 10.7440

Deuteranopia

174.1380, -26.0910, 15.8050



Tritanopia

137.0030, -119.8430, -36.2510

Trichromacy



Original Color

138.7780, -123.2830, -28.9710

Protanomaly

161.2060, -56.3020, -3.8700

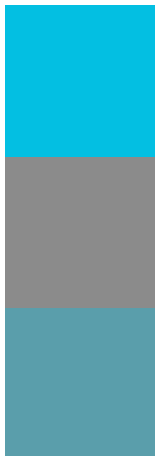
Deuteranomaly

160.9760, -61.3460, -0.5620

Tritanomaly

137.3990, -120.8980, -33.6500

Monochromacy



Original Color

138.7780, -123.2830, -28.9710

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.1500, -44.7010, -10.3730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.7780, -123.2830, -28.9710 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(3, 191, 226)` looks like.

```
.text, #text, p{  
    color:rgb(3, 191, 226)  
}
```

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(3, 191, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 191, 226) }
```

Border

The CSS property to change the border of an element to YIQ 138.7780, -123.2830, -28.9710 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(3, 191, 226) }
```


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

```
.border{ border-color:rgb(3, 191, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 191, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 191, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 191, 226);  
box-shadow:4px 4px 4px 4px rgb(3, 191,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 138.7780, -123.2830, -28.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 191, 226) }
```

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

```
.background{ background-color: rgb(3, 191,  
226) }
```

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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