

Converting Colors

YIQ(164.7890, -121.8160,
-28.0240)

Have a look what the booklet for
YIQ(164.7890, -121.8160, -28.0240)
contains.

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Color

**YIQ(164.7890, -121.8160,
-28.0240)**

Conversions

Conversions Part 1

Format	Color
Hex	1FD8FC
RGB	31, 216, 252
RGB Percent	12%, 85%, 99%
CMY	0.8787, 0.1526, 0.0123
CMYK	0.88, 0.14, 0.00, 0.01
HSL	190°, 97%, 55%
HSV	190°, 88%, 99%
XYZ	42.6877, 56.4613, 100.6354
YIQ	164.7890, -121.8160, -28.0240

Conversions

Conversions Part 2

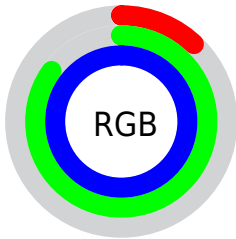
Format	Color
R_{YB}	31, 132, 252
Decimal	2087164
CIE Lab	79.88, -30.35, -29.51
CIE LCh	80, 42.336, 224.199
Yxy	56.4613, 0.2137, 0.2826
Android (android.graphics.Color)	4280277244 (0xFF1FD8FC)
YUV	164.7890, 42.9950, -117.3330
Hunter-Lab	75.1407, -30.0898, -26.8081

Details

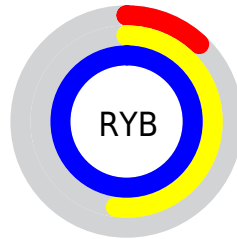
The YIQ color **164.7890, -121.8160, -28.0240** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **118.2110, 121.8160, 28.0240**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **215.2330, -79.2680, -28.1960**, and **116.7370, -106.8700, -23.5580** is the 20% darker color. If you saturate the color by 10%, you get **154.9660, -135.6160, -31.2320**, and if you desaturate by 10%, it is **174.6120, -108.0160, -24.8160**.

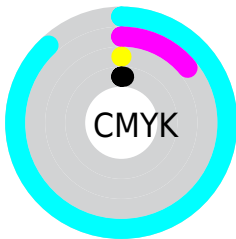
Distribution



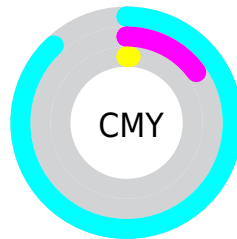
- Red (12%)
- Green (85%)
- Blue (99%)



- Red (12%)
- Yellow (52%)
- Blue (99%)



- Cyan (88%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)



- Cyan (88%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.7890, -121.8160, -28.0240 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 164.7890, -121.8160, -28.0240 by changing the saturation by 10% instead.

164.7890,
-121.8160, -28.0240

164.7890,
-121.8160, -28.0240

255.0000, -0.0000,
-0.0000

135.7780,
-123.2830, -28.9710

215.2330,
-79.2680, -28.1960

116.7370,
-106.8700, -23.5580

225.3990,
-59.0040, -20.9880

97.8100, -90.7780,
-17.8340

234.9670,
-39.9320, -14.2040

80.0570, -75.2360,
-13.1560

244.5350,
-20.8600, -7.4200

62.5320, -60.3360,
-7.8560

254.1030, -1.7880,
-0.6360

45.5940, -45.7110,
-3.0790

30.5310, -32.2320,

0.4400

■ 6.8910, -15.2700,
12.4260

■ 3.3230, -7.9790,
6.9410

■ 164.7890,
-121.8160, -28.0240

■ 164.7890,
-121.8160, -28.0240

■ 154.9660,
-135.6160, -31.2320

■ 174.6120,
-108.0160, -24.8160

■ 152.5850,
-138.9170, -31.9810

■ 184.4350,
-94.2160, -21.6080

■ 194.2580,
-80.4160, -18.4000

■ 204.3800,
-66.0200, -14.9800

■ 214.2030,
-52.2200, -11.7720

■ 224.6130,
-38.6950, -9.0870

■ 234.4360,
-24.8950, -5.8790

■ 244.2590,
-11.0950, -2.6710

■ 253.4840, 1.5130,
0.1130

Harmonies

Analogous

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



168.7250, -98.5690, -36.3370



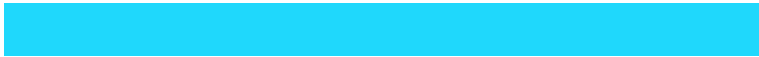
164.7890, -121.8160, -28.0240



181.9630, -77.6670, -7.6430

Triad

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



164.7890, -121.8160, -28.0240



201.2290, 34.2890, 33.8810



193.5490, 28.1100, -24.8660

Complementary

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



164.7890, -121.8160, -28.0240



118.2110, 121.8160, 28.0240

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.



196.6220, 53.3700, -9.0780



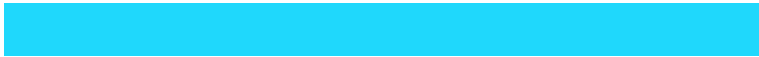
164.7890, -121.8160, -28.0240



195.4950, 47.6790, 22.4870

Square

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



164.7890, -121.8160, -28.0240



202.8910, 3.0660, 32.5540



195.5000, 57.3100, 7.6300



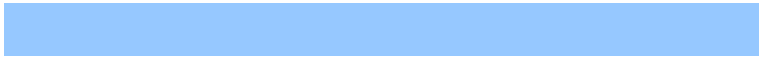
188.5430, -7.2840, -33.2040

Rectangle

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



164.7890, -121.8160, -28.0240



191.3200, -47.4550, 6.5050



195.5000, 57.3100, 7.6300



194.5720, 38.4710, -19.9050

Sweetspot

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



164.7890, -121.8160, -28.0240



228.8090, -36.3110, -8.2390



164.4890, -71.3680, -105.3200



111.9310, -21.9150, -4.8190



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.



164.7890, -121.8160, -28.0240



154.6880, -140.7050, -32.6170



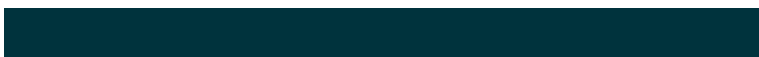
101.3930, -92.1160, 28.4600



119.9390, -7.1980, -1.7100



114.2920, -104.1190, -23.8550



36.8910, -33.6060, -7.7020

Inverse Universe

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



118.1690, 72.3310, 104.3870



100.6410, 83.2860, 120.6140



181.6070, 92.1160, -28.4600



117.1410, 4.2170, 6.1770



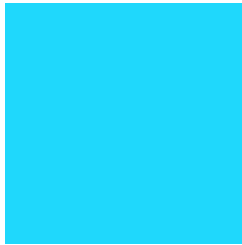
74.5230, 61.9260, 89.2060



24.0530, 19.9850, 28.7930

Previews

White Background



This preview shows how the YIQ color 164.7890, -121.8160, -28.0240 looks on a white background.

Color Contrast Check

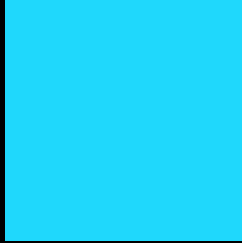
Large Text (above 18pt) WCAG AA × Fail

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 164.7890, -121.8160, -28.0240 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 164.7890, -121.8160, -28.0240 Background



This preview shows how black text looks on a background with the YIQ color 164.7890, -121.8160, -28.0240.

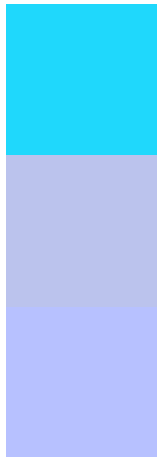


This preview shows how white text looks on a background with the YIQ color 164.7890, -121.8160, -28.0240.

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

164.7890, -121.8160, -28.0240

Protanopia

197.3960, -18.2500, 11.3660

Deuteranopia

197.0780, -25.8620, 17.1620



Tritanopia

154.8700, -135.7060, -40.6180

Trichromacy



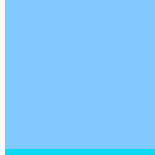
Original Color

164.7890, -121.8160, -28.0240



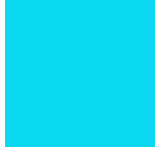
Protanomaly

185.6190, -56.0270, -3.3470



Deuteranomaly

185.2150, -60.5210, 1.0070



Tritanomaly

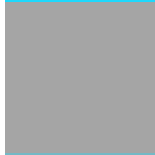
158.2560, -130.8010, -35.8970

Monochromacy



Original Color

164.7890, -121.8160, -28.0240



Achromatopsia

165.0000, -0.0000, -0.0000



Achromatomaly

165.1500, -44.7010, -10.3730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.7890, -121.8160, -28.0240 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(31, 216, 252)` looks like.

```
.text, #text, p{  
    color:rgb(31, 216, 252)  
}
```

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(31, 216, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 216, 252) }
```

Border

The CSS property to change the border of an element to YIQ 164.7890, -121.8160, -28.0240 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(31, 216, 252) }
```


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

```
.border{ border-color:rgb(31, 216, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 216, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 216, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 216, 252);  
box-shadow:4px 4px 4px 4px rgb(31, 216,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 164.7890, -121.8160, -28.0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 216, 252) }
```

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

```
.background{ background-color: rgb(31, 216,  
252) }
```

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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