

Converting Colors

YIQ(155.1180, -112.7370,
-32.8730)

Have a look what the booklet for
YIQ(155.1180, -112.7370, -32.8730)
contains.

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Color

**YIQ(155.1180, -112.7370,
-32.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	1BCFE0
RGB	27, 207, 224
RGB Percent	11%, 81%, 88%
CMY	0.8944, 0.1879, 0.1220
CMYK	0.88, 0.08, 0.00, 0.12
HSL	185°, 79%, 49%
HSV	185°, 88%, 88%
XYZ	36.2190, 50.2694, 78.2315
YIQ	155.1180, -112.7370, -32.8730

Conversions

Conversions Part 2

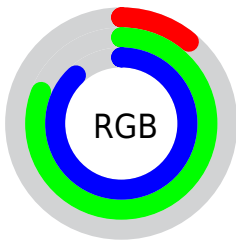
Format	Color
R _{YB}	27, 121, 224
Decimal	1822688
CIE Lab	76.23, -35.07, -20.11
CIE LCh	76, 40.421, 209.829
Yxy	50.2694, 0.2199, 0.3052
Android (android.graphics.Color)	4280012768 (0xFF1BCFE0)
YUV	155.1180, 33.9588, -112.3595
Hunter-Lab	70.9009, -32.8917, -15.7895

Details

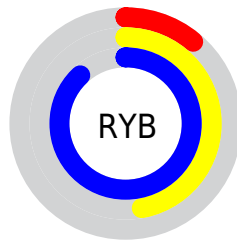
The YIQ color **155.1180, -112.7370, -32.8730** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **95.8820, 112.7370, 32.8730**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1400, -83.4400, -29.6800**, and **108.4900, -96.0490, -26.9370** is the 20% darker color. If you saturate the color by 10%, you get **147.3660, -125.2990, -36.4910**, and if you desaturate by 10%, it is **162.8700, -100.1750, -29.2550**.

Distribution



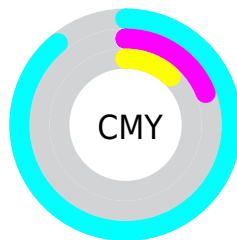
- Red (11%)
- Green (81%)
- Blue (88%)



- Red (11%)
- Yellow (47%)
- Blue (88%)



- Cyan (88%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (89%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.1180, -112.7370, -32.8730 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 155.1180, -112.7370, -32.8730 by changing the saturation by 10% instead.

■ 155.1180,
-112.7370, -32.8730

■ 155.1180,
-112.7370, -32.8730

■ 255.0000, -0.0000,
-0.0000

■ 127.4170,
-112.1410, -32.6610

■ 213.1400,
-83.4400, -29.6800

■ 108.4900,
-96.0490, -26.9370

■ 223.0070,
-63.7720, -22.6840

■ 90.1500, -80.2320,
-21.7360

■ 232.5750,
-44.7000, -15.9000

■ 72.0380, -65.0570,
-15.9130

■ 242.1430,
-25.6280, -9.1160

■ 55.1000, -50.4320,
-11.1360

■ 251.4120, -7.1520,
-2.5440

■ 38.2760, -36.1280,
-6.0480

■ 24.0280, -23.5660,

-2.4300

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 155.1180,
-112.7370, -32.8730

■ 155.1180,
-112.7370, -32.8730

■ 147.3660,
-125.2990, -36.4910

■ 162.8700,
-100.1750, -29.2550

■ 145.8710,
-128.2790, -37.5510

■ 170.9210,
-87.0170, -25.4250

■ 178.6730,
-74.4550, -21.8070

■ 186.4250,
-61.8930, -18.1890

■ 194.4760,
-48.7350, -14.3590

■ 202.2280,
-36.1730, -10.7410

■ 209.6920,
-22.7400, -6.3880

■ 217.4440,
-10.1780, -2.7700

■ 225.1960, 2.3840,
0.8480

Harmonies

Analogous

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



167.0350, -70.1430, -33.8790



155.1180, -112.7370, -32.8730



167.0360, -97.1060, -13.2820

Triad

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



155.1180, -112.7370, -32.8730



193.4710, 21.8640, 33.2880



185.7510, 39.5250, -16.9790

Complementary

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



155.1180, -112.7370, -32.8730



95.8820, 112.7370, 32.8730

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.



188.3440, 57.4490, -0.3990



155.1180, -112.7370, -32.8730



191.2380, 47.2650, 29.9930

Square

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



155.1180, -112.7370, -32.8730



190.7360, -15.7310, 26.2930



188.7810, 58.3170, 16.9170



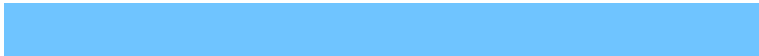
181.5730, 10.3670, -28.2010

Rectangle

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



155.1180, -112.7370, -32.8730



177.3110, -69.5990, 0.3290



188.7810, 58.3170, 16.9170



186.2190, 47.1350, -11.7210

Sweetspot

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



155.1180, -112.7370, -32.8730



231.7440, -37.6860, -10.8540



144.4630, -59.3110, -98.0550



113.6920, -22.7400, -6.3880



0.0000, 0.0000, 0.0000



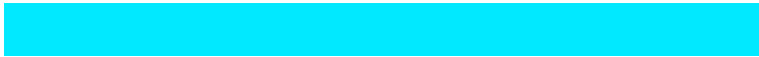
128.0000, -0.0000, -0.0000

Same Dimension

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



155.1180, -112.7370, -32.8730



165.8410, -145.9300, -42.5540



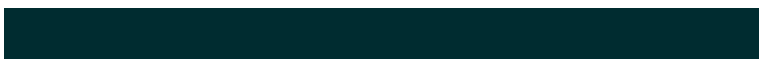
97.5920, -85.7870, 18.3810



108.1240, -6.2810, -1.8090



114.5710, -100.7710, -29.4670



31.3000, -27.5080, -8.0840

Inverse Universe

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



106.4230, 59.6320, 97.7440



102.8070, 77.1870, 126.5230



153.4080, 85.7870, -18.3810



105.4290, 3.3460, 5.4420



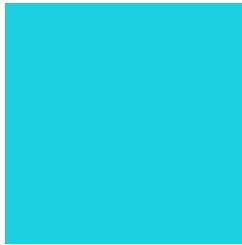
70.9780, 53.2150, 87.3830



19.3680, 14.4840, 23.8600

Previews

White Background



This preview shows how the YIQ color 155.1180, -112.7370, -32.8730 looks on a white background.

Color Contrast Check

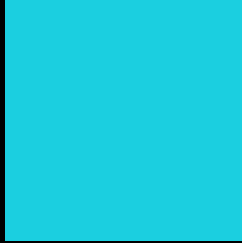
Large Text (above 18pt) WCAG AA × Fail

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 155.1180, -112.7370, -32.8730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

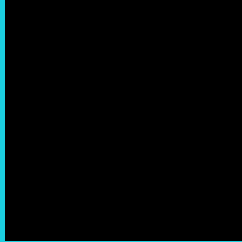
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

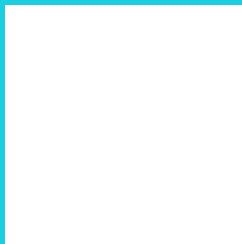
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 155.1180, -112.7370, -32.8730 Background



This preview shows how black text looks on a background with the YIQ color 155.1180, -112.7370, -32.8730.



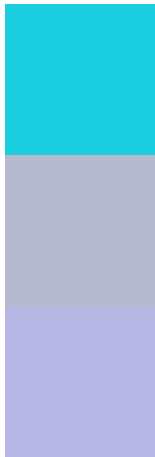
This preview shows how white text looks on a background with the YIQ color 155.1180, -112.7370, -32.8730.

-32.8730.

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

155.1180, -112.7370, -32.8730

Protanopia

187.1380, -8.8960, 7.0400

Deuteranopia

188.2440, -14.7660, 14.3060



Tritanopia

155.1180, -112.7370, -32.8730

Trichromacy



Original Color

155.1180, -112.7370, -32.8730

Protanomaly

175.3610, -46.6730, -7.6730

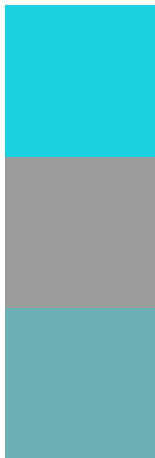
Deuteranomaly

176.2560, -50.5710, -3.1070

Tritanomaly

155.1180, -112.7370, -32.8730

Monochromacy



Original Color

155.1180, -112.7370, -32.8730

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.9500, -41.2620, -12.1260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.1180, -112.7370, -32.8730 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(27, 207, 224)` looks like.

```
.text, #text, p{  
    color:rgb(27, 207, 224)  
}
```

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(27, 207, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 207, 224) }
```

Border

The CSS property to change the border of an element to YIQ 155.1180, -112.7370, -32.8730 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(27, 207, 224) }
```


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

```
.border{ border-color:rgb(27, 207, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 207, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 207, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 207, 224);  
box-shadow:4px 4px 4px 4px rgb(27, 207,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 155.1180, -112.7370, -32.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 207, 224) }
```

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

```
.background{ background-color: rgb(27, 207,  
224) }
```

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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