

Converting Colors

YIQ(169.6740, -102.5590,
-30.1030)

Have a look what the booklet for
YIQ(169.6740, -102.5590, -30.1030)
contains.

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Color

**YIQ(169.6740, -102.5590,
-30.1030)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 35D9E8 |
| RGB | 53, 217, 232 |
| RGB Percent | 21%, 85%, 91% |
| CMY | 0.7925, 0.1487, 0.0906 |
| CMYK | 0.77, 0.06, 0.00, 0.09 |
| HSL | 185°, 79%, 56% |
| HSV | 185°, 77%, 91% |
| XYZ | 40.8441, 56.2357, 84.9663 |
| YIQ | 169.6740, -102.5590, -30.1030 |

Conversions

Conversions Part 2

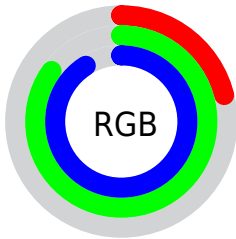
| Format | Color |
|-------------------------------------|---------------------------------|
| R _{YB} | 53, 139, 232 |
| Decimal | 3529192 |
| CIE Lab | 79.75, -35.39, -19.05 |
| CIE LCh | 80, 40.194, 208.288 |
| Yxy | 56.2357, 0.2244, 0.3089 |
| Android (android.graphics.Color) | 4281719272 (0xFF35D9E8) |
| YUV | 169.6740, 30.7267, -102.3231 |
| Hunter-Lab | 74.9904, -34.0120, -14.6839 |

Details

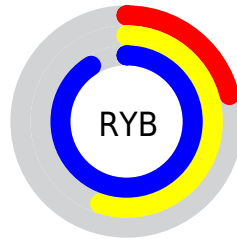
The YIQ color **169.6740, -102.5590, -30.1030** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **115.3260, 102.5590, 30.1030**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.3260, -75.0960, -26.7120**, and **115.1580, -101.0460, -29.9900** is the 20% darker color. If you saturate the color by 10%, you get **161.6230, -115.7170, -33.9330**, and if you desaturate by 10%, it is **177.7250, -89.4010, -26.2730**.

Distribution



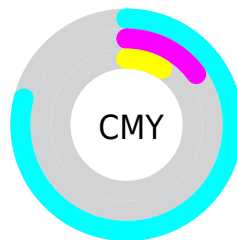
- Red (21%)
- Green (85%)
- Blue (91%)



- Red (21%)
- Yellow (55%)
- Blue (91%)



- Cyan (77%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (79%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.6740, -102.5590, -30.1030 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 169.6740, -102.5590, -30.1030 by changing the saturation by 10% instead.

■ 169.6740,
-102.5590, -30.1030

■ 169.6740,
-102.5590, -30.1030

■ 255.0000, -0.0000,
-0.0000

■ 134.1990,
-117.4590, -35.4030

■ 217.0270,
-75.6920, -26.9240

■ 115.1580,
-101.0460, -29.9900

■ 226.8940,
-56.0240, -19.9280

■ 96.3450, -85.2750,
-23.9550

■ 236.1630,
-37.5480, -13.3560

■ 78.1190, -69.7790,
-18.4430

■ 245.7310,
-18.4760, -6.5720

■ 60.5940, -54.8790,
-13.1430

■ 43.7700, -40.5750,
-8.0550

■ 28.8210, -27.4170,

-4.2250

■ 4.8220, -10.8220,
8.9060

■ 0.3420, -0.9630,
0.9330

■ 169.6740,
-102.5590, -30.1030

■ 169.6740,
-102.5590, -30.1030

■ 161.6230,
-115.7170, -33.9330

■ 177.7250,
-89.4010, -26.2730

■ 153.5720,
-128.8750, -37.7630

■ 185.7760,
-76.2430, -22.4430

■ 151.4790,
-133.0470, -39.2470

■ 193.8270,
-63.0850, -18.6130

■ 202.1770,
-49.3310, -14.5710

■ 210.2280,
-36.1730, -10.7410

■ 218.2790,
-23.0150, -6.9110

■ 226.3300, -9.8570,
-3.0810

■ 233.7940, 3.5760,
1.2720

■ 240.0510, 13.1580,
3.8300

Harmonies

Analogous

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



178.1880, -66.2000, -33.7520



169.6740, -102.5590, -30.1030



177.1350, -93.0710, -14.8230

Triad

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



169.6740, -102.5590, -30.1030



203.1010, 20.0300, 33.4860



195.6480, 41.3130, -16.3430

Complementary

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



169.6740, -102.5590, -30.1030



115.3260, 102.5590, 30.1030

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.



198.1700, 57.9990, 0.6470



169.6740, -102.5590, -30.1030



198.3620, 40.9840, 28.1840

Square

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



169.6740, -102.5590, -30.1030



199.5140, -15.2260, 22.6460



195.3180, 52.3110, 15.6310



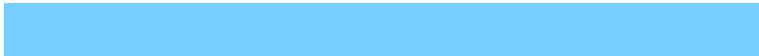
191.3560, 12.4760, -27.8760

Rectangle

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



169.6740, -102.5590, -30.1030



185.8720, -66.9850, -2.9930



195.3180, 52.3110, 15.6310



196.2300, 48.6020, -10.7740

Sweetspot

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



169.6740, -102.5590, -30.1030



234.4240, -33.7890, -9.8930



159.4410, -53.0770, -89.8850



115.4750, -20.6310, -6.0630



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.



169.6740, -102.5590, -30.1030



172.3970, -135.7520, -39.7840



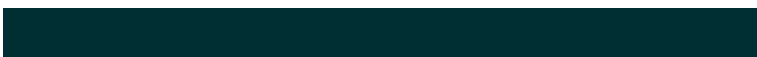
118.6050, -78.6340, 15.3980



110.8250, -6.8770, -2.0210



116.6740, -102.5590, -30.1030



33.4030, -29.2960, -8.7200

Inverse Universe

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



125.2170, 54.0400, 88.9520



113.6010, 71.5950, 117.7310



165.8080, 78.9090, -14.8750



107.8420, 3.6210, 5.9650



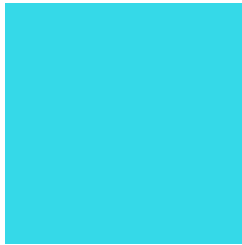
72.2170, 54.0400, 88.9520



20.6070, 15.3090, 25.4290

Previews

White Background



This preview shows how the YIQ color 169.6740, -102.5590, -30.1030 looks on a white background.

Color Contrast Check

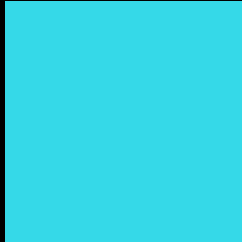
Large Text (above 18pt) WCAG AA × Fail

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 169.6740, -102.5590, -30.1030 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 169.6740, -102.5590, -30.1030 Background



This preview shows how black text looks on a background with the YIQ color 169.6740, -102.5590, -30.1030.



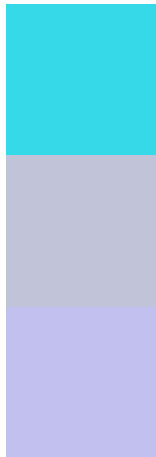
This preview shows how white text looks on a background with the YIQ color 169.6740, -102.5590, -30.1030.

-30.1030.

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

169.6740, -102.5590, -30.1030

Protanopia

196.9100, -8.2540, 6.4180

Deuteranopia

197.8420, -13.5740, 14.7300



Tritanopia

170.5000, -102.0090, -29.0570

Trichromacy



Original Color

169.6740, -102.5590, -30.1030



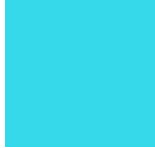
Protanomaly

186.9270, -42.4550, -7.0230



Deuteranomaly

187.6480, -45.8030, -1.4110



Tritanomaly

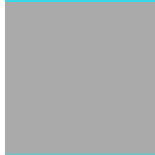
170.0870, -102.2840, -29.5800

Monochromacy



Original Color

169.6740, -102.5590, -30.1030



Achromatopsia

170.0000, -0.0000, 0.0000



Achromatomaly

169.7440, -37.6860, -10.8540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.6740, -102.5590, -30.1030 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(53, 217, 232)` looks like.

```
.text, #text, p{  
    color:rgb(53, 217, 232)  
}
```

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(53, 217, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 217, 232) }
```

Border

The CSS property to change the border of an element to YIQ 169.6740, -102.5590, -30.1030 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(53, 217, 232) }
```


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

```
.border{ border-color:rgb(53, 217, 232) }
```

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

Here you see how a box with a 4 pixel rgb(53, 217, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 217, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 217, 232);  
box-shadow:4px 4px 4px 4px rgb(53, 217,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 169.6740, -102.5590, -30.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 217, 232) }
```

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

```
.background{ background-color: rgb(53, 217,  
232) }
```

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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