

Converting Colors

YIQ(172.5980, -106.5420,
-62.5580)

Have a look what the booklet for
YIQ(172.5980, -106.5420, -62.5580)
contains.

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Color

**YIQ(172.5980, -106.5420,
-62.5580)**

Conversions

Conversions Part 1

Format	Color
Hex	20F2B8
RGB	32, 242, 184
RGB Percent	13%, 95%, 72%
CMY	0.8750, 0.0506, 0.2788
CMYK	0.87, 0.00, 0.24, 0.05
HSL	163°, 89%, 54%
HSV	163°, 87%, 95%
XYZ	41.0114, 67.3183, 56.1267
YIQ	172.5980, -106.5420, -62.5580

Conversions

Conversions Part 2

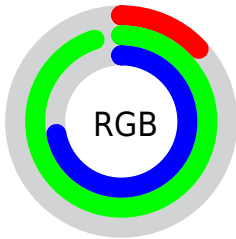
Format	Color
R_{YB}	32, 154, 242
Decimal	2159288
CIE _{Lab}	85.66, -60.38, 14.92
CIE _{LCh}	86, 62.199, 166.119
Yxy	67.3183, 0.2494, 0.4093
Android (android.graphics.Color)	4280349368 (0xFF20F2B8)
YUV	172.5980, 5.6212, -123.3044
Hunter-Lab	82.0477, -54.3606, 16.8747

Details

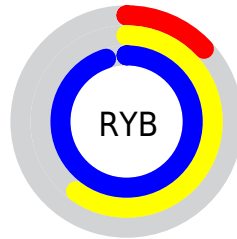
The YIQ color **172.5980, -106.5420, -62.5580** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **101.4020, 106.5420, 62.5580**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9250, -75.6450, -33.2850**, and **123.5290, -92.9260, -56.0140** is the 20% darker color. If you saturate the color by 10%, you get **164.6240, -118.5990, -69.8230**, and if you desaturate by 10%, it is **180.5720, -94.4850, -55.2930**.

Distribution



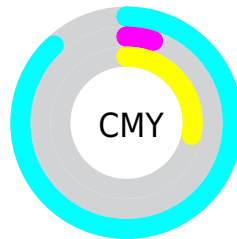
- Red (13%)
- Green (95%)
- Blue (72%)



- Red (13%)
- Yellow (60%)
- Blue (95%)



- Cyan (87%)
- Magenta (0%)
- Yellow (24%)
- Black (5%)



- Cyan (88%)
- Magenta (5%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.5980, -106.5420, -62.5580 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 172.5980, -106.5420, -62.5580 by changing the saturation by 10% instead.

■ 172.5980,
-106.5420, -62.5580

■ 172.5980,
-106.5420, -62.5580

■ 255.0000, -0.0000,
-0.0000

■ 142.9290,
-108.9720, -62.5720

■ 212.9250,
-75.6450, -33.2850

■ 123.5290,
-92.9260, -56.0140

■ 224.5020,
-60.7920, -21.6240

■ 104.2430,
-77.2010, -49.1450

■ 234.0700,
-41.7200, -14.8400

■ 85.5440, -61.7510,
-42.7990

■ 243.6380,
-22.6480, -8.0560

■ 67.0730, -46.9430,
-35.8310

■ 253.2060, -3.5760,
-1.2720

■ 49.8900, -33.0060,
-29.5980

■ 33.4080, -19.6650,

-23.5770

■ 16.4360, -7.7000,
-14.6440

■ 0.0000, 0.0000,
0.0000

■ 172.5980,
-106.5420, -62.5580

■ 172.5980,
-106.5420, -62.5580

■ 164.6240,
-118.5990, -69.8230

■ 180.5720,
-94.4850, -55.2930

■ 162.0040,
-122.7250, -72.1410

■ 188.4320,
-82.1070, -48.3390

■ 196.7050,
-69.4540, -40.8620

■ 204.6790,
-57.3970, -33.5970

■ 212.5390,
-45.0190, -26.6430

■ 220.5130,
-32.9620, -19.3780

■ 228.4870,
-20.9050, -12.1130

■ 236.7600, -8.2520,
-4.6360

■ 244.6200, 4.1260,
2.3180

Harmonies

Analogous

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



197.8000, -16.0380, -50.7740



172.5980, -106.5420, -62.5580



171.1580, -145.7450, -51.4170

Triad

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



172.5980, -106.5420, -62.5580



203.1810, -36.8180, 6.4620



196.9530, 60.1080, 0.9720

Complementary

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



172.5980, -106.5420, -62.5580



101.4020, 106.5420, 62.5580

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.



194.1900, 47.2200, 25.3000



172.5980, -106.5420, -62.5580



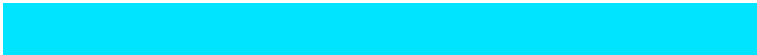
214.4970, 18.9750, 36.0870

Square

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



172.5980, -106.5420, -62.5580



162.9060, -144.5550, -39.9390



202.0900, 27.7310, 42.6030



205.2900, 65.5680, -20.8960

Rectangle

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



172.5980, -106.5420, -62.5580



171.1240, -148.4050, -47.2610



202.0900, 27.7310, 42.6030



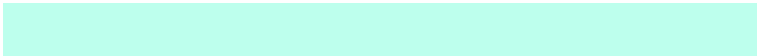
194.6680, 56.8970, 9.6090

Sweetspot

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



172.5980, -106.5420, -62.5580



233.2140, -33.5580, -19.5900



172.9110, -22.5860, -97.3220



114.7860, -20.3090, -11.9010



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.



172.5980, -106.5420, -62.5580



170.6610, -129.1890, -76.1410



152.7950, -112.7850, -20.9850



116.0700, -6.1890, -3.4770



123.1700, -93.2930, -54.8690



37.5460, -28.5610, -16.5370

Inverse Universe

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



101.4020, 106.5420, 62.5580



84.3390, 129.1890, 76.1410



121.2050, 112.7850, 20.9850



111.9300, 6.1890, 3.4770



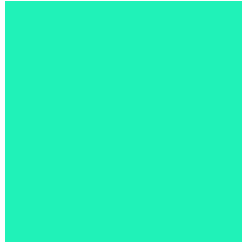
60.8300, 93.2930, 54.8690



18.5680, 28.2400, 16.8480

Previews

White Background



This preview shows how the YIQ color 172.5980, -106.5420, -62.5580 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 172.5980, -106.5420, -62.5580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

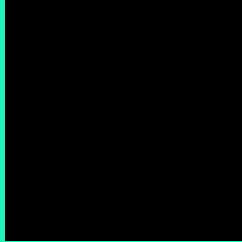
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

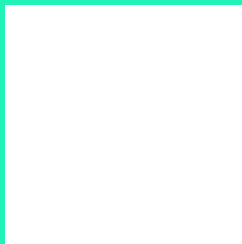
Any Text WCAG AAA ✓ Pass

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

YIQ 172.5980, -106.5420, -62.5580 Background



This preview shows how black text looks on a background with the YIQ color 172.5980, -106.5420, -62.5580.

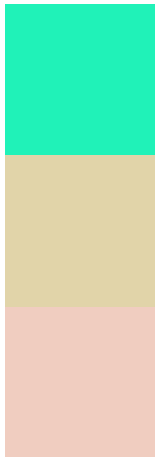


This preview shows how white text looks on a background with the YIQ color 172.5980, -106.5420, -62.5580.

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

172.5980, -106.5420, -62.5580

Protanopia

210.9850, 21.5510, -10.6170

Deuteranopia

213.9830, 25.0330, 3.3770



Tritanopia

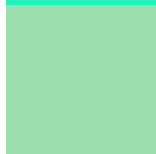
190.0170, -96.0950, -26.1030

Trichromacy



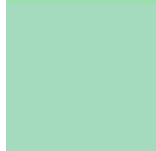
Original Color

172.5980, -106.5420, -62.5580



Protanomaly

197.0820, -24.7990, -29.6550



Deuteranomaly

198.5480, -22.8750, -20.4670



Tritanomaly

183.5460, -99.6230, -39.2630

Monochromacy



Original Color

172.5980, -106.5420, -62.5580



Achromatopsia

173.0000, -0.0000, 0.0000



Achromatomaly

172.8820, -38.5550, -22.6430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.5980, -106.5420, -62.5580 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(32, 242, 184)` looks like.

```
.text, #text, p{  
    color:rgb(32, 242, 184)  
}
```

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(32, 242, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 242, 184) }
```

Border

The CSS property to change the border of an element to YIQ 172.5980, -106.5420, -62.5580 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(32, 242, 184) }
```


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

```
.border{ border-color:rgb(32, 242, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 242, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 242, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 242, 184);  
box-shadow:4px 4px 4px 4px rgb(32, 242,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 172.5980, -106.5420, -62.5580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 242, 184) }
```

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

```
.background{ background-color: rgb(32, 242,  
184) }
```

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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