

Converting Colors

YIQ(178.0100, -104.5260,
-55.0380)

Have a look what the booklet for
YIQ(178.0100, -104.5260, -55.0380)
contains.

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Color

**YIQ(178.0100, -104.5260,
-55.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	2CF2C8
RGB	44, 242, 200
RGB Percent	17%, 95%, 78%
CMY	0.8279, 0.0506, 0.2161
CMYK	0.82, 0.00, 0.17, 0.05
HSL	167°, 88%, 56%
HSV	167°, 82%, 95%
XYZ	43.2241, 68.2520, 65.4797
YIQ	178.0100, -104.5260, -55.0380

Conversions

Conversions Part 2

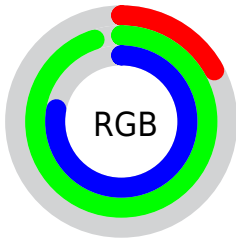
Format	Color
RYB	44, 155, 242
Decimal	2945736
CIELab	86.13, -55.72, 7.27
CIELCh	86, 56.196, 172.562
Yxy	68.2520, 0.2443, 0.3857
Android (android.graphics.Color)	4281135816 (0xFF2CF2C8)
YUV	178.0100, 10.8411, -117.5268
Hunter-Lab	82.6148, -51.1846, 10.8377

Details

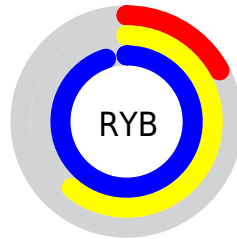
The YIQ color **178.0100, -104.5260, -55.0380** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **107.9900, 104.5260, 55.0380**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.1300, -77.4800, -27.5600**, and **125.2390, -97.7410, -51.3490** is the 20% darker color. If you saturate the color by 10%, you get **170.2640, -117.2250, -61.6810**, and if you desaturate by 10%, it is **185.7560, -91.8270, -48.3950**.

Distribution



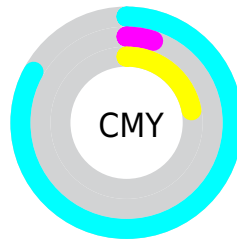
- Red (17%)
- Green (95%)
- Blue (78%)



- Red (17%)
- Yellow (61%)
- Blue (95%)



- Cyan (82%)
- Magenta (0%)
- Yellow (17%)
- Black (5%)



- Cyan (83%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.0100, -104.5260, -55.0380 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 178.0100, -104.5260, -55.0380 by changing the saturation by 10% instead.

■ 178.0100,
-104.5260, -55.0380

■ 178.0100,
-104.5260, -55.0380

■ 255.0000, -0.0000,
-0.0000

■ 144.7530,
-114.1080, -57.5960

■ 216.1300,
-77.4800, -27.5600

■ 125.2390,
-97.7410, -51.3490

■ 225.9970,
-57.8120, -20.5640

■ 105.8390,
-81.6950, -44.7910

■ 235.5650,
-38.7400, -13.7800

■ 87.2540, -66.5660,
-38.1340

■ 245.1330,
-19.6680, -6.9960

■ 69.2560, -51.7120,
-32.0000

■ 254.7010, -0.5960,
-0.2120

■ 51.3720, -37.1790,
-25.5550

■ 34.8900, -23.8380,

-19.5340

■ 17.9520, -9.2130,
-14.7570

■ 0.0000, 0.0000,
0.0000

■ 178.0100,
-104.5260, -55.0380

■ 178.0100,
-104.5260, -55.0380

■ 170.2640,
-117.2250, -61.6810

■ 185.7560,
-91.8270, -48.3950

■ 163.8280,
-127.8610, -67.1650

■ 193.5020,
-79.1280, -41.7520

■ 201.5470,
-65.8330, -34.8970

■ 209.4070,
-53.4550, -27.9430

■ 217.1530,
-40.7560, -21.3000

■ 224.8990,
-28.0570, -14.6570

■ 232.6450,
-15.3580, -8.0140

■ 240.6900, -2.0630,
-1.1590

■ 246.3430, 6.4640,
4.0000

Harmonies

Analogous

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



198.7590, -25.9880, -46.6600



178.0100, -104.5260, -55.0380



171.7110, -148.6800, -47.7840

Triad

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



178.0100, -104.5260, -55.0380



210.0800, -20.1760, 13.2320



202.3500, 57.3120, -3.4240

Complementary

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



178.0100, -104.5260, -55.0380



107.9900, 104.5260, 55.0380

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.



198.5610, 47.3130, 18.1050



178.0100, -104.5260, -55.0380



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.



178.0100, -104.5260, -55.0380



188.3540, -89.4940, -19.0780



204.1300, 30.2540, 35.4220



210.6530, 60.1120, -21.1360

Rectangle

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



178.0100, -104.5260, -55.0380



169.9500, -147.8550, -46.2150



204.1300, 30.2540, 35.4220



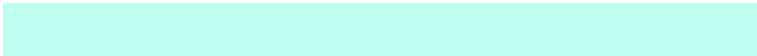
200.3100, 54.7890, 3.7570

Sweetspot

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



178.0100, -104.5260, -55.0380



234.2680, -33.6500, -17.9220



173.0830, -28.8220, -94.4380



115.3130, -20.3550, -11.0670



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.



178.0100, -104.5260, -55.0380



174.2080, -131.9870, -69.4830



149.9260, -102.6080, -12.6880



116.0700, -6.1890, -3.4770



124.5380, -97.1450, -51.1370



37.8880, -29.5240, -15.6040

Inverse Universe

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



107.9900, 104.5260, 55.0380



85.7920, 131.9870, 69.4830



136.0740, 102.6080, 12.6880



111.8160, 6.5100, 3.1660



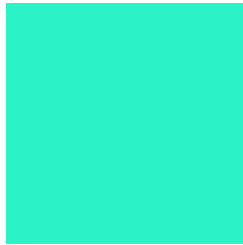
59.4620, 97.1450, 51.1370



18.1120, 29.5240, 15.6040

Previews

White Background



This preview shows how the YIQ color 178.0100, -104.5260, -55.0380 looks on a white background.

Color Contrast Check

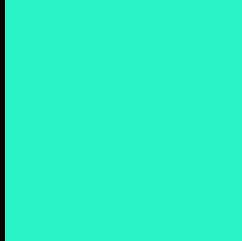
Large Text (above 18pt) WCAG AA × Fail

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 178.0100, -104.5260, -55.0380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

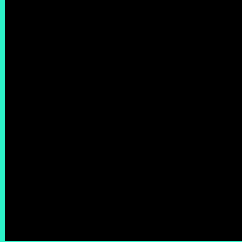
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

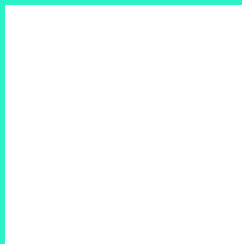
Any Text WCAG AAA ✓ Pass

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

YIQ 178.0100, -104.5260, -55.0380 Background



This preview shows how black text looks on a background with the YIQ color 178.0100, -104.5260, -55.0380.



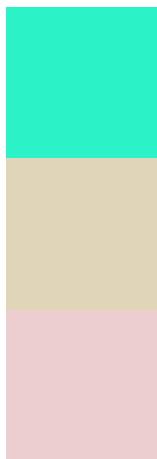
This preview shows how white text looks on a background with the YIQ color 178.0100, -104.5260, -55.0380.

-55.0380.

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

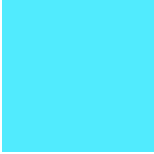
178.0100, -104.5260, -55.0380

Protanopia

213.0970, 15.5440, -6.3760

Deuteranopia

215.1980, 17.2380, 6.9820



Tritanopia

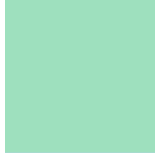
191.1200, -97.8830, -26.7390

Trichromacy



Original Color

178.0100, -104.5260, -55.0380



Protanomaly

200.3900, -28.4220, -24.5660



Deuteranomaly

201.5570, -27.0940, -15.5900



Tritanomaly

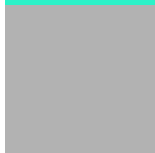
186.4150, -100.6320, -37.4960

Monochromacy



Original Color

178.0100, -104.5260, -55.0380



Achromatopsia

178.0000, -0.0000, -0.0000



Achromatomaly

177.7620, -38.0970, -19.9290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.0100, -104.5260, -55.0380 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(44, 242, 200)` looks like.

```
.text, #text, p{  
    color:rgb(44, 242, 200)  
}
```

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(44, 242, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 242, 200) }
```

Border

The CSS property to change the border of an element to YIQ 178.0100, -104.5260, -55.0380 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(44, 242, 200) }
```


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

```
.border{ border-color:rgb(44, 242, 200) }
```

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

Here you see how a box with a 4 pixel rgb(44, 242, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 242, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 242, 200);  
box-shadow:4px 4px 4px 4px rgb(44, 242,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 178.0100, -104.5260, -55.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 242, 200) }
```

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

```
.background{ background-color: rgb(44, 242,  
200) }
```

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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