

Converting Colors

YIQ(138.0380, -74.2250,
-25.9770)

Have a look what the booklet for
YIQ(138.0380, -74.2250, -25.9770)
contains.

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Color

**YIQ(138.0380, -74.2250,
-25.9770)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 33AFB0 |
| RGB | 51, 175, 176 |
| RGB Percent | 20%, 69%, 69% |
| CMY | 0.8003, 0.3135, 0.3101 |
| CMYK | 0.71, 0.00, 0.00, 0.31 |
| HSL | 180°, 55%, 44% |
| HSV | 180°, 71%, 69% |
| XYZ | 24.5306, 34.5137, 46.4041 |
| YIQ | 138.0380, -74.2250, -25.9770 |

Conversions

Conversions Part 2

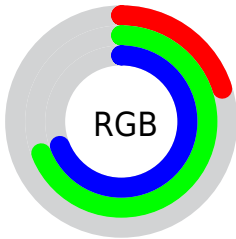
| Format | Color |
|-------------------------------------|--|
| RYB | 51, 113, 176 |
| Decimal | 3387312 |
| CIELab | 65.37, -32.38, -10.22 |
| CIELCh | 65, 33.958, 197.513 |
| Yxy | 34.5137, 0.2326, 0.3273 |
| Android (android.graphics.Color) | 4281577392 (0xFF33AFB0) |
| YUV | 138.0380, 18.7153, -76.3323 |
| Hunter-Lab | 58.7484, -28.2763, -5.7081 |

Details

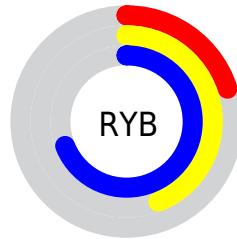
The YIQ color **138.0380, -74.2250, -25.9770** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **88.9620, 74.2250, 25.9770**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.7290, -68.8610, -24.0690**, and **85.7500, -73.3540, -25.2420** is the 20% darker color. If you saturate the color by 10%, you get **132.6560, -84.9530, -29.7930**, and if you desaturate by 10%, it is **143.4200, -63.4970, -22.1610**.

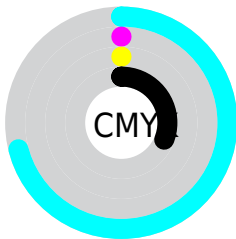
Distribution



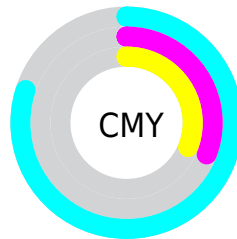
- Red (20%)
- Green (69%)
- Blue (69%)



- Red (20%)
- Yellow (44%)
- Blue (69%)



- Cyan (71%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



- Cyan (80%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.0380, -74.2250, -25.9770 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 138.0380, -74.2250, -25.9770 by changing the saturation by 10% instead.

■ 138.0380,
-74.2250, -25.9770

■ 138.0380,
-74.2250, -25.9770

■ 255.0000, -0.0000,
-0.0000

■ 103.8620,
-88.5290, -31.0650

■ 196.6150,
-68.5400, -24.3800

■ 85.6360, -73.0330,
-25.5530

■ 222.4090,
-64.9640, -23.1080

■ 68.2250, -58.4540,
-19.9420

■ 231.3790,
-47.0840, -16.7480

■ 50.8140, -43.8750,
-14.3310

■ 240.3490,
-29.2040, -10.3880

■ 34.6910, -30.1670,
-9.4550

■ 249.3190,
-11.3240, -4.0280

■ 19.9700, -17.6510,
-5.0030

■ 0.5700, -1.6050,

1.5550

■ 0.0000, 0.0000,
0.0000

■ 138.0380,
-74.2250, -25.9770

■ 138.0380,
-74.2250, -25.9770

■ 132.6560,
-84.9530, -29.7930

■ 143.4200,
-63.4970, -22.1610

■ 127.5730,
-95.0850, -33.3970

■ 148.5030,
-53.3650, -18.5570

■ 122.7890,
-104.6210, -36.7890

■ 153.8850,
-42.6370, -14.7410

■ 159.5550,
-32.7800, -11.6600

■ 164.9370,
-22.0520, -7.8440

■ 170.0200,
-11.9200, -4.2400

■ 175.4020, -1.1920,
-0.4240

■ 180.7840, 9.5360,
3.3920

■ 185.8670, 19.6680,
6.9960

Harmonies

Analogous

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



145.2790, -41.3510, -27.0390



138.0380, -74.2250, -25.9770



138.7570, -83.2590, -16.4350

Triad

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



138.0380, -74.2250, -25.9770



162.9310, 5.5890, 25.3730



157.3200, 39.6610, -8.4270

Complementary

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



138.0380, -74.2250, -25.9770



88.9620, 74.2250, 25.9770

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.



159.5530, 49.7910, 6.2310



138.0380, -74.2250, -25.9770



162.9310, 31.9520, 26.6720

Square

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



138.0380, -74.2250, -25.9770



158.6650, -26.1370, 16.6390



161.5010, 47.5420, 19.4620



154.6330, 19.3060, -19.4940

Rectangle

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



138.0380, -74.2250, -25.9770



146.3340, -68.4060, -4.7740



161.5010, 47.5420, 19.4620



158.4070, 43.9700, -3.9180

Sweetspot

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



138.0380, -74.2250, -25.9770



214.7620, -28.9290, -9.8650



124.3750, -34.3750, -65.3750



106.3290, -17.2840, -6.1480



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



138.0380, -74.2250, -25.9770



170.2220, -116.2660, -40.5060



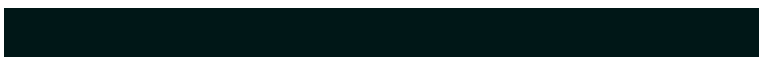
101.6440, -57.1750, 6.4490



84.3090, -5.3640, -1.9080



104.5630, -89.1250, -31.2770



16.1230, -13.7080, -4.8760

Inverse Universe

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



102.5110, 34.6960, 65.0640



114.7200, 54.5420, 101.8860



124.7690, 57.4500, -5.9260



81.7170, 2.4750, 4.7070



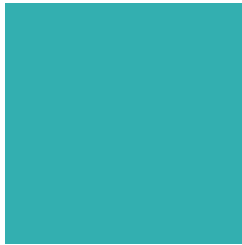
61.8360, 41.5710, 78.1390



9.4990, 6.3250, 12.0290

Previews

White Background



This preview shows how the YIQ color 138.0380, -74.2250, -25.9770 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 138.0380, -74.2250, -25.9770 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 138.0380, -74.2250, -25.9770 Background



This preview shows how black text looks on a background with the YIQ color 138.0380, -74.2250, -25.9770.



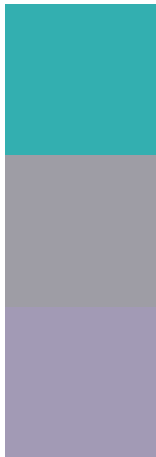
This preview shows how white text looks on a background with the YIQ color 138.0380, -74.2250, -25.9770.

-25.9770.

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

138.0380, -74.2250, -25.9770

Protanopia

158.2110, -1.9720, 2.7000

Deuteranopia

159.4700, -3.8990, 10.0930



Tritanopia

140.2110, -73.0340, -20.0260

Trichromacy



Original Color

138.0380, -74.2250, -25.9770

Protanomaly

151.1150, -28.4250, -7.9850

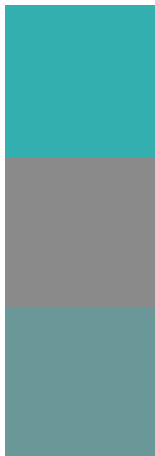
Deuteranomaly

151.9780, -29.2970, -3.1930

Tritanomaly

139.4450, -73.8130, -22.4290

Monochromacy



Original Color

138.0380, -74.2250, -25.9770

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.6590, -27.1410, -9.2290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.0380, -74.2250, -25.9770 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(51, 175, 176)` looks like.

```
.text, #text, p{  
    color:rgb(51, 175, 176)  
}
```

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(51, 175, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 175, 176) }
```

Border

The CSS property to change the border of an element to YIQ 138.0380, -74.2250, -25.9770 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(51, 175, 176) }
```


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

```
.border{ border-color:rgb(51, 175, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 175, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 175, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 175, 176);  
box-shadow:4px 4px 4px 4px rgb(51, 175,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 138.0380, -74.2250, -25.9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 175, 176) }
```

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

```
.background{ background-color: rgb(51, 175,  
176) }
```

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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