

Converting Colors

YIQ(161.7680, -64.5970,
-24.2530)

Have a look what the booklet for
YIQ(161.7680, -64.5970, -24.2530)
contains.

YIQ(161.7680, -64.5970, -24.2530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(161.7680, -64.5970,
-24.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	55C3C0
RGB	85, 195, 192
RGB Percent	33%, 76%, 75%
CMY	0.6669, 0.2351, 0.2473
CMYK	0.56, 0.00, 0.02, 0.24
HSL	178°, 48%, 55%
HSV	178°, 56%, 76%
XYZ	32.7729, 44.7820, 56.7480
YIQ	161.7680, -64.5970, -24.2530

Conversions

Conversions Part 2

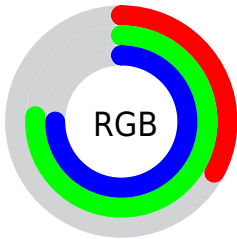
Format	Color
RYB	85, 141, 195
Decimal	5620672
CIELab	72.75, -31.92, -7.94
CIElCh	73, 32.893, 193.963
Yxy	44.7820, 0.2440, 0.3334
Android (android.graphics.Color)	4283810752 (0xFF55C3C0)
YUV	161.7680, 14.9044, -67.3255
Hunter-Lab	66.9193, -29.6907, -3.4347

Details

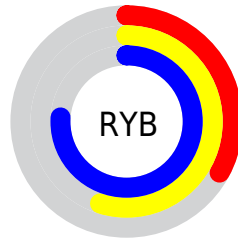
The YIQ color **161.7680, -64.5970, -24.2530** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **118.2320, 64.5970, 24.2530**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **219.2520, -63.0840, -24.1400**, and **98.6130, -83.3940, -30.5140** is the 20% darker color. If you saturate the color by 10%, you get **155.6740, -76.1960, -28.8040**, and if you desaturate by 10%, it is **167.4490, -53.2730, -20.2250**.

Distribution



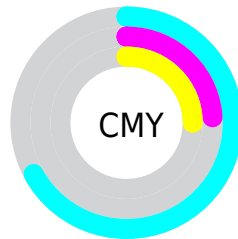
- Red (33%)
- Green (76%)
- Blue (75%)



- Red (33%)
- Yellow (55%)
- Blue (76%)



- Cyan (56%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (67%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.7680, -64.5970, -24.2530 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 161.7680, -64.5970, -24.2530 by changing the saturation by 10% instead.

■ 161.7680,
-64.5970, -24.2530

■ 161.7680,
-64.5970, -24.2530

■ 255.0000, -0.0000,
-0.0000

■ 132.9740,
-68.1730, -25.5250

■ 219.2520,
-63.0840, -24.1400

■ 98.6130, -83.3940,
-30.5140

■ 230.7810,
-48.2760, -17.1720

■ 80.3870, -67.8980,
-25.0020

■ 239.4520,
-30.9920, -11.0240

■ 62.9760, -53.3190,
-19.3910

■ 248.4220,
-13.1120, -4.6640

■ 46.1520, -39.0150,
-14.3030

■ 30.1430, -25.6280,
-9.1160

■ 13.1880, -12.3330,

-2.2610

■ 0.0000, 0.0000,
0.0000

■ 161.7680,
-64.5970, -24.2530

■ 161.7680,
-64.5970, -24.2530

■ 155.6740,
-76.1960, -28.8040

■ 167.4490,
-53.2730, -20.2250

■ 149.9930,
-87.5200, -32.8320

■ 173.5430,
-41.6740, -15.6740

■ 143.8990,
-99.1190, -37.3830

■ 179.3380,
-30.6710, -11.3350

■ 138.2180,
-110.4430, -41.4110

■ 185.3180,
-18.7510, -7.0950

■ 136.1250,
-114.6150, -42.8950

■ 191.1130, -7.7480,
-2.7560

■ 197.0930, 4.1720,
1.4840

■ 202.8880, 15.1750,
5.8230

■ 208.8680, 27.0950,
10.0630

■ 213.1680, 35.1180,
13.3420

Harmonies

Analogous

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



166.9160, -35.8950, -26.7990



161.7680, -64.5970, -24.2530



162.4760, -75.0980, -15.6580

Triad

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



161.7680, -64.5970, -24.2530



182.5500, 2.2880, 24.6240



178.1570, 41.6780, -6.4340

Complementary

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



161.7680, -64.5970, -24.2530



118.2320, 64.5970, 24.2530

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.



179.9060, 50.2950, 8.1110



161.7680, -64.5970, -24.2530



183.2620, 29.5220, 26.6580

Square

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



161.7680, -64.5970, -24.2530



178.7570, -29.3920, 15.0560



181.5440, 45.9830, 20.1830



175.2420, 21.9650, -18.1230

Rectangle

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



161.7680, -64.5970, -24.2530



167.2910, -66.8470, -5.4950



181.5440, 45.9830, 20.1830



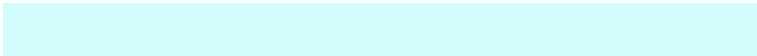
178.9450, 45.3910, -2.1370

Sweetspot

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



161.7680, -64.5970, -24.2530



239.3280, -24.7110, -9.2150



150.7660, -27.8660, -56.6820



120.1120, -15.1750, -5.8230



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.



161.7680, -64.5970, -24.2530



200.4150, -100.6320, -37.4960



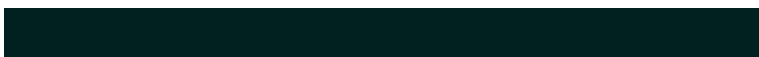
132.1730, -51.5350, 3.3530



94.0100, -5.9600, -2.1200



112.2910, -94.3510, -35.6870



23.0190, -19.3470, -7.3070

Inverse Universe

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



118.2320, 64.5970, 24.2530



132.6990, 100.3110, 37.8070



147.8270, 51.5350, -3.3530



89.9900, 5.9600, 2.1200



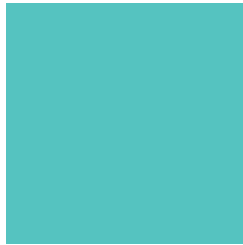
48.7090, 94.3510, 35.6870



9.9810, 19.3470, 7.3070

Previews

White Background



This preview shows how the YIQ color 161.7680, -64.5970, -24.2530 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 161.7680, -64.5970, -24.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

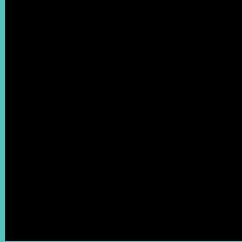
Any Text WCAG AA ✓ Pass

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 161.7680, -64.5970, -24.2530 Background



This preview shows how black text looks on a background with the YIQ color 161.7680, -64.5970, -24.2530.



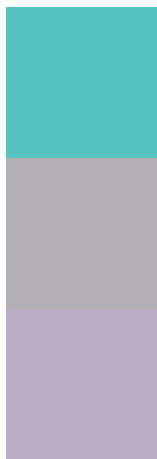
This preview shows how white text looks on a background with the YIQ color 161.7680, -64.5970, -24.2530.

-24.2530.

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

161.7680, -64.5970, -24.2530

Protanopia

177.4670, 0.1830, 2.1910

Deuteranopia

179.6230, 0.0440, 10.2200



Tritanopia

164.2120, -65.6070, -16.9590

Trichromacy



Original Color

161.7680, -64.5970, -24.2530

Protanomaly

171.8660, -23.2900, -7.4340

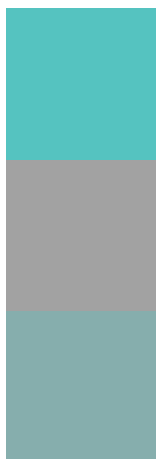
Deuteranomaly

173.0280, -23.5660, -2.4300

Tritanomaly

163.5170, -65.1480, -19.7720

Monochromacy



Original Color

161.7680, -64.5970, -24.2530

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

161.9260, -23.5190, -8.7910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.7680, -64.5970, -24.2530 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(85, 195, 192)` looks like.

```
.text, #text, p{  
    color:rgb(85, 195, 192)  
}
```

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(85, 195, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 195, 192) }
```

Border

The CSS property to change the border of an element to YIQ 161.7680, -64.5970, -24.2530 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(85, 195, 192) }
```


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

```
.border{ border-color:rgb(85, 195, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 195, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 195, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 195, 192);  
box-shadow:4px 4px 4px 4px rgb(85, 195,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 161.7680, -64.5970, -24.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 195, 192) }
```

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

```
.background{ background-color: rgb(85, 195,  
192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor