

Converting Colors

YIQ(180.5610, -42.0850,
-24.7490)

Have a look what the booklet for
YIQ(180.5610, -42.0850, -24.7490)
contains.

YIQ(180.5610, -42.0850, -24.7490)	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(180.5610, -42.0850,
-24.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	7DD0B9
RGB	125, 208, 185
RGB Percent	49%, 82%, 73%
CMY	0.5100, 0.1842, 0.2747
CMYK	0.40, 0.00, 0.11, 0.18
HSL	163°, 47%, 65%
HSV	163°, 40%, 82%
XYZ	39.7669, 52.9858, 54.0092
YIQ	180.5610, -42.0850, -24.7490

Conversions

Conversions Part 2

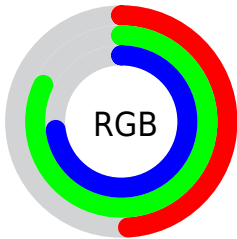
Format	Color
RYB	125, 173, 208
Decimal	8245433
CIELab	77.87, -30.63, 3.52
CIELCh	78, 30.834, 173.445
Yxy	52.9858, 0.2710, 0.3610
Android (android.graphics.Color)	4286435513 (0xFF7DD0B9)
YUV	180.5610, 2.1884, -48.7270
Hunter-Lab	72.7914, -29.8680, 6.9624

Details

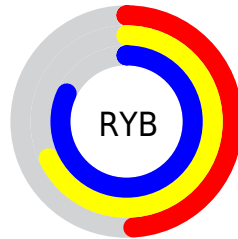
The YIQ color **180.5610, -42.0850, -24.7490** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **152.4390, 42.0850, 24.7490**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **231.2780, -39.6100, -20.0420**, and **125.7890, -42.7270, -24.1270** is the 20% darker color. If you saturate the color by 10%, you get **173.5980, -52.6750, -31.0670**, and if you desaturate by 10%, it is **187.5240, -31.4950, -18.4310**.

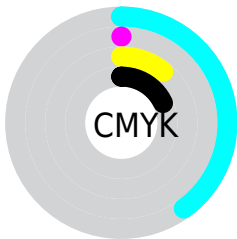
Distribution



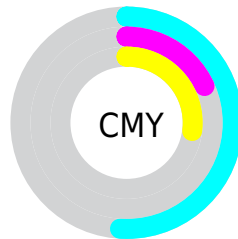
- Red (49%)
- Green (82%)
- Blue (73%)



- Red (49%)
- Yellow (68%)
- Blue (82%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)



- Cyan (51%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.5610, -42.0850, -24.7490 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 180.5610, -42.0850, -24.7490 by changing the saturation by 10% instead.

■ 180.5610,
-42.0850, -24.7490

■ 180.5610,
-42.0850, -24.7490

■ 255.0000, -0.0000,
-0.0000

■ 152.9740,
-41.8100, -24.2260

■ 231.2780,
-39.6100, -20.0420

■ 125.7890,
-42.7270, -24.1270

■ 241.2460,
-27.4160, -9.7520

■ 99.0060, -44.8360,
-24.4520

■ 250.2160, -9.5360,
-3.3920

■ 69.3360, -54.6930,
-27.5330

■ 52.0390, -40.4350,
-21.6110

■ 36.0300, -27.0480,
-16.4240

■ 21.8960, -14.8070,

-12.4950

■ 0.0000, 0.0000,
0.0000

■ 180.5610,
-42.0850, -24.7490

■ 180.5610,
-42.0850, -24.7490

■ 173.5980,
-52.6750, -31.0670

■ 187.5240,
-31.4950, -18.4310

■ 166.6350,
-63.2650, -37.3850

■ 194.4870,
-20.9050, -12.1130

■ 160.0850,
-73.5800, -43.1800


■ 201.0370,
-10.5900, -6.3180


■ 153.1220,
-84.1700, -49.4980


■ 208.0000, -0.0000,
-0.0000


■ 146.1590,
-94.7600, -55.8160


■ 214.9630, 10.5900,
6.3180

 139.1960,
-105.3500, -62.1340

 221.9260, 21.1800,
12.6360

 223.9910, 22.5550,
15.2510

 224.6750, 20.6290,
17.1170

 225.3590, 18.7030,
18.9830

Harmonies

Analogous

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



184.7030, -13.2460, -24.2700



180.5610, -42.0850, -24.7490



177.8870, -63.3140, -19.9700

Triad

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



180.5610, -42.0850, -24.7490



193.9110, -18.0220, 18.2500



193.7050, 46.3070, 3.2910

Complementary

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



180.5610, -42.0850, -24.7490



152.4390, 42.0850, 24.7490

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.



195.2080, 46.8090, 16.2250



180.5610, -42.0850, -24.7490



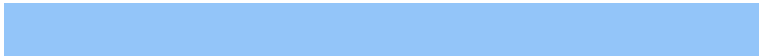
197.0410, 11.0910, 24.7790

Square

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



180.5610, -42.0850, -24.7490



187.9780, -46.4920, 5.5720



197.0190, 34.5200, 24.1840



191.3410, 35.1680, -9.6000

Rectangle

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



180.5610, -42.0850, -24.7490



178.9500, -67.6250, -13.4250



197.0190, 34.5200, 24.1840



194.1230, 48.1860, 7.7860

Sweetspot

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



180.5610, -42.0850, -24.7490



244.8190, -15.9080, -9.0600



180.5980, -9.1170, -38.5330



122.0480, -9.1230, -5.3710



0.0000, 0.0000, 0.0000



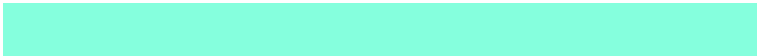
128.0000, -0.0000, -0.0000

Same Dimension

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



180.5610, -42.0850, -24.7490



214.6460, -61.7980, -36.4380



172.6170, -44.5180, -8.1820



101.3690, -5.5930, -3.2650



112.5240, -85.3620, -49.9220



27.3730, -20.5840, -12.4240

Inverse Universe

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



152.4390, 42.0850, 24.7490



173.3540, 61.7980, 36.4380



160.3830, 44.5180, 8.1820



97.6310, 5.5930, 3.2650



55.5900, 85.0410, 50.2330



13.5130, 20.9050, 12.1130

Previews

White Background



This preview shows how the YIQ color 180.5610, -42.0850, -24.7490 looks on a white background.

Color Contrast Check

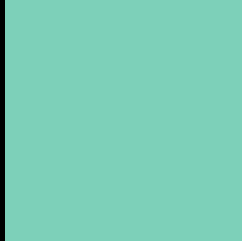
Large Text (above 18pt) WCAG AA × Fail

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 180.5610, -42.0850, -24.7490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

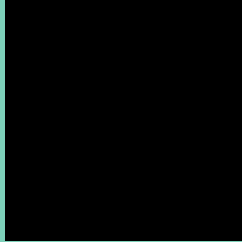
Any Text WCAG AA ✓ Pass

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 180.5610, -42.0850, -24.7490 Background



This preview shows how black text looks on a background with the YIQ color 180.5610, -42.0850, -24.7490.



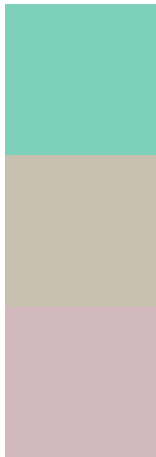
This preview shows how white text looks on a background with the YIQ color 180.5610, -42.0850, -24.7490.

-24.7490.

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

180.5610, -42.0850, -24.7490

Protanopia

191.6820, 9.5830, -2.9690

Deuteranopia

193.0450, 13.2950, 6.8550



Tritanopia

184.1930, -46.2600, -9.6520

Trichromacy



Original Color

180.5610, -42.0850, -24.7490

Protanomaly

187.4730, -9.1220, -10.8980

Deuteranomaly

188.2440, -6.7390, -4.5230

Tritanomaly

183.1020, -44.7460, -15.0660

Monochromacy



Original Color

180.5610, -42.0850, -24.7490

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.0040, -14.9910, -9.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.5610, -42.0850, -24.7490 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(125, 208, 185)` looks like.

```
.text, #text, p{  
    color:rgb(125, 208, 185)  
}
```

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(125, 208, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 208, 185) }
```

Border

The CSS property to change the border of an element to YIQ 180.5610, -42.0850, -24.7490 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(125, 208, 185) }
```


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

```
.border{ border-color:rgb(125, 208, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 208, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 208, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 208, 185);  
box-shadow:4px 4px 4px 4px rgb(125, 208,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 180.5610, -42.0850, -24.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 208, 185) }
```

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

```
.background{ background-color: rgb(125,  
208, 185) }
```

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