

Converting Colors

YIQ(175.0530, -78.5810,
-24.1250)

Have a look what the booklet for
YIQ(175.0530, -78.5810, -24.1250)
contains.

YIQ(175.0530, -78.5810, -24.1250)	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(175.0530, -78.5810,
-24.1250)**

Conversions

Conversions Part 1

Format	Color
Hex	55D4DD
RGB	85, 212, 221
RGB Percent	33%, 83%, 87%
CMY	0.6669, 0.1684, 0.1336
CMYK	0.62, 0.04, 0.00, 0.13
HSL	184°, 67%, 60%
HSV	184°, 62%, 87%
XYZ	40.3366, 54.2576, 76.6966
YIQ	175.0530, -78.5810, -24.1250

Conversions

Conversions Part 2

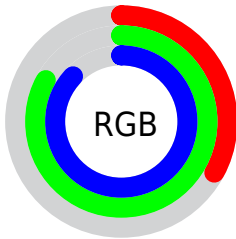
Format	Color
RYB	85, 151, 221
Decimal	5625053
CIELab	78.61, -32.07, -14.83
CIELCh	79, 35.329, 204.817
Yxy	54.2576, 0.2355, 0.3168
Android (android.graphics.Color)	4283815133 (0xFF55D4DD)
YUV	175.0530, 22.6519, -78.9765
Hunter-Lab	73.6597, -31.1566, -10.1726

Details

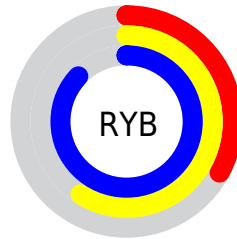
The YIQ color **175.0530, -78.5810, -24.1250** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **130.9470, 78.5810, 24.1250**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.0070, -63.7720, -22.6840**, and **111.0830, -96.4610, -30.4850** is the 20% darker color. If you saturate the color by 10%, you get **167.8880, -91.4180, -28.2660**, and if you desaturate by 10%, it is **182.2180, -65.7440, -19.9840**.

Distribution



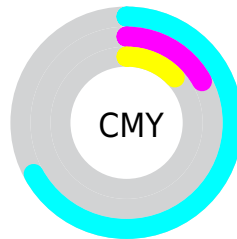
- Red (33%)
- Green (83%)
- Blue (87%)



- Red (33%)
- Yellow (59%)
- Blue (87%)



- Cyan (62%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.0530, -78.5810, -24.1250 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 175.0530, -78.5810, -24.1250 by changing the saturation by 10% instead.

■ 175.0530,
-78.5810, -24.1250

■ 175.0530,
-78.5810, -24.1250

■ 255.0000, -0.0000,
-0.0000

■ 144.0630,
-84.5410, -26.2450

■ 223.0070,
-63.7720, -22.6840

■ 111.0830,
-96.4610, -30.4850

■ 231.9770,
-45.8920, -16.3240

■ 92.8570, -80.9650,
-24.9730

■ 241.2460,
-27.4160, -9.7520

■ 74.6310, -65.4690,
-19.4610

■ 250.2160, -9.5360,
-3.3920

■ 57.2200, -50.8900,
-13.8500

■ 40.9830, -36.8610,
-9.2850

■ 26.1480, -24.0240,

-5.1440

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 175.0530,
-78.5810, -24.1250

■ 175.0530,
-78.5810, -24.1250

■ 167.8880,
-91.4180, -28.2660

■ 182.2180,
-65.7440, -19.9840

■ 160.1360,
-103.9800, -31.8840

■ 189.9700,
-53.1820, -16.3660

■ 152.9710,
-116.8170, -36.0250

■ 197.1350,
-40.3450, -12.2250

■ 146.7030,
-127.8660, -39.5300

■ 204.8870,
-27.7830, -8.6070

■ 212.0520,
-14.9460, -4.4660

■ 219.8040, -2.3840,
-0.8480

■ 227.2680, 11.0490,
3.5050

■ 232.9270, 19.4390,
5.6390

■ 233.5140, 19.1640,
5.1160

Harmonies

Analogous

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



179.2500, -51.5750, -28.9750



175.0530, -78.5810, -24.1250



179.2570, -78.6750, -11.4030

Triad

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



175.0530, -78.5810, -24.1250



199.5300, 14.2080, 28.8640



193.5000, 38.9740, -12.4980

Complementary

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



175.0530, -78.5810, -24.1250



130.9470, 78.5810, 24.1250

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.



195.4130, 53.0010, 3.1210



175.0530, -78.5810, -24.1250



199.0630, 40.3880, 27.9720

Square

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



175.0530, -78.5810, -24.1250



196.4210, -19.3980, 21.1620



195.8880, 50.7060, 17.1860



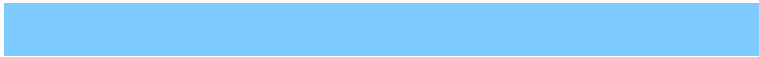
189.7740, 14.3550, -23.3810

Rectangle

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



175.0530, -78.5810, -24.1250



185.6060, -63.1800, -0.3640



195.8880, 50.7060, 17.1860



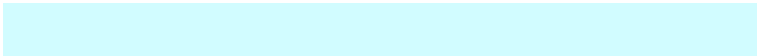
194.1850, 44.4750, -7.5650

Sweetspot

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



175.0530, -78.5810, -24.1250



239.4850, -26.5910, -8.1830



165.6300, -39.6470, -68.9510



118.1550, -16.7340, -5.1020



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.



175.0530, -78.5810, -24.1250



191.4450, -109.3440, -33.7920



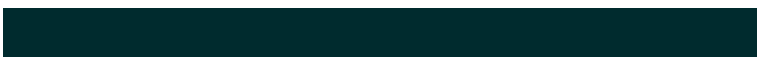
136.3110, -60.4310, 10.3930



106.1240, -6.2810, -1.8090



114.8160, -100.0830, -30.9230



30.4850, -26.5910, -8.1830

Inverse Universe

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



140.1420, 40.2890, 68.3290



142.6890, 55.8270, 95.1150



169.6890, 60.4310, -10.3930



103.4290, 3.3460, 5.4420



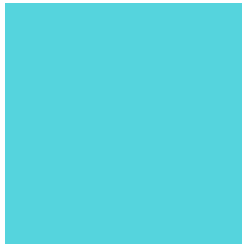
70.1950, 51.1060, 87.0580



18.6560, 13.6130, 23.1250

Previews

White Background



This preview shows how the YIQ color 175.0530, -78.5810, -24.1250 looks on a white background.

Color Contrast Check

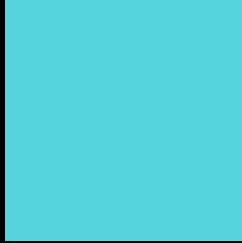
Large Text (above 18pt) WCAG AA × Fail

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 175.0530, -78.5810, -24.1250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

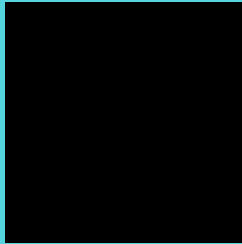
Any Text WCAG AA ✓ Pass

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 175.0530, -78.5810, -24.1250 Background



This preview shows how black text looks on a background with the YIQ color 175.0530, -78.5810, -24.1250.



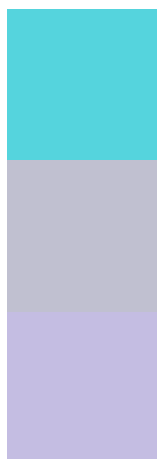
This preview shows how white text looks on a background with the YIQ color 175.0530, -78.5810, -24.1250.

-24.1250.

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

175.0530, -78.5810, -24.1250

Protanopia

193.8240, -5.1360, 4.9760

Deuteranopia

195.3110, -7.7050, 12.9910



Tritanopia

176.1610, -78.7650, -20.7890

Trichromacy



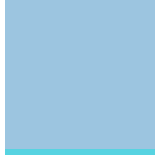
Original Color

175.0530, -78.5810, -24.1250



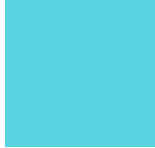
Protanomaly

186.8420, -31.9100, -5.3980



Deuteranomaly

187.8190, -33.1030, -0.2950



Tritanomaly

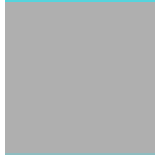
175.5200, -78.3980, -21.9340

Monochromacy



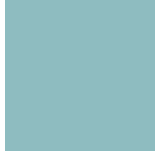
Original Color

175.0530, -78.5810, -24.1250



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

174.7020, -28.7000, -8.5080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.0530, -78.5810, -24.1250 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, 212, 221)` looks like.

```
.text, #text, p{  
    color:rgb(85, 212, 221)  
}
```

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, 212, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 212, 221) }
```

Border

The CSS property to change the border of an element to YIQ 175.0530, -78.5810, -24.1250 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, 212, 221) }
```


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

```
.border{ border-color:rgb(85, 212, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 212, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 212, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 212, 221);  
box-shadow:4px 4px 4px 4px rgb(85, 212,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 175.0530, -78.5810, -24.1250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 212, 221) }
```

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

```
.background{ background-color: rgb(85, 212,  
221) }
```

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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