

Converting Colors

YIQ(177.1840, -77.5720,
-25.8920)

Have a look what the booklet for
YIQ(177.1840, -77.5720, -25.8920)
contains.

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Color

**YIQ(177.1840, -77.5720,
-25.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	57D7DB
RGB	87, 215, 219
RGB Percent	34%, 84%, 86%
CMY	0.6591, 0.1566, 0.1415
CMYK	0.60, 0.02, 0.00, 0.14
HSL	182°, 65%, 60%
HSV	182°, 60%, 86%
XYZ	41.0132, 55.7611, 75.5645
YIQ	177.1840, -77.5720, -25.8920

Conversions

Conversions Part 2

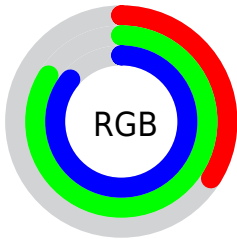
Format	Color
RYB	87, 152, 219
Decimal	5756891
CIELab	79.48, -33.71, -12.46
CIELCh	79, 35.937, 200.278
Yxy	55.7611, 0.2380, 0.3236
Android (android.graphics.Color)	4283946971 (0xFF57D7DB)
YUV	177.1840, 20.6153, -79.0914
Hunter-Lab	74.6734, -32.6401, -7.7262

Details

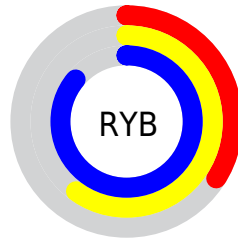
The YIQ color **177.1840, -77.5720, -25.8920** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **128.8160, 77.5720, 25.8920**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6050, -62.5800, -22.2600**, and **112.6160, -96.6440, -32.6760** is the 20% darker color. If you saturate the color by 10%, you get **170.0190, -90.4090, -30.0330**, and if you desaturate by 10%, it is **184.3490, -64.7350, -21.7510**.

Distribution



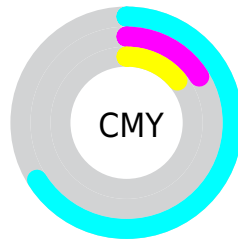
- Red (34%)
- Green (84%)
- Blue (86%)



- Red (34%)
- Yellow (60%)
- Blue (86%)



- Cyan (60%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (66%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.1840, -77.5720, -25.8920 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 177.1840, -77.5720, -25.8920 by changing the saturation by 10% instead.

■ 177.1840,
-77.5720, -25.8920

■ 177.1840,
-77.5720, -25.8920

■ 255.0000, -0.0000,
-0.0000

■ 146.4930,
-82.9360, -27.8000

■ 223.6050,
-62.5800, -22.2600

■ 112.6160,
-96.6440, -32.6760

■ 232.5750,
-44.7000, -15.9000

■ 93.8030, -80.8730,
-26.6410

■ 241.5450,
-26.8200, -9.5400

■ 75.5770, -65.3770,
-21.1290

■ 250.8140, -8.3440,
-2.9680

■ 58.7530, -51.0730,
-16.0410

■ 42.0430, -37.0900,
-10.6420

■ 27.2080, -24.2530,

-6.5010

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 177.1840,
-77.5720, -25.8920

■ 177.1840,
-77.5720, -25.8920

■ 170.0190,
-90.4090, -30.0330

■ 184.3490,
-64.7350, -21.7510

■ 163.4410,
-103.5210, -34.6970

■ 190.9270,
-51.6230, -17.0870

■ 156.2760,
-116.3580, -38.8380

■ 198.0920,
-38.7860, -12.9460

■ 149.9970,
-128.8740, -43.2900

■ 204.9580,
-26.5450, -9.0170

■ 211.5360,
-13.4330, -4.3530

■ 218.7010, -0.5960,
-0.2120

■ 225.8660, 12.2410,
3.9290

■ 230.3510, 21.1810,
7.1090

■ 230.9380, 20.9060,
6.5860

Harmonies

Analogous

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



182.7620, -47.2650, -29.9930



177.1840, -77.5720, -25.8920



179.5230, -82.4800, -14.0320

Triad

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



177.1840, -77.5720, -25.8920



201.4910, 9.9440, 29.0480



195.8210, 42.5040, -10.3920

Complementary

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



177.1840, -77.5720, -25.8920



128.8160, 77.5720, 25.8920

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.



198.3640, 54.6970, 5.4250



177.1840, -77.5720, -25.8920



201.6220, 37.3160, 28.5800

Square

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



177.1840, -77.5720, -25.8920



197.3880, -23.7990, 18.3210



197.7460, 48.2300, 18.0060



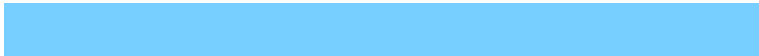
192.6390, 19.1690, -22.5190

Rectangle

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



177.1840, -77.5720, -25.8920



185.8610, -68.4520, -3.9400



197.7460, 48.2300, 18.0060



196.5060, 48.0050, -5.4590

Sweetspot

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



177.1840, -77.5720, -25.8920



240.6590, -27.1410, -9.2290



164.7120, -36.9420, -68.4140



118.7420, -17.0090, -5.6250



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.



177.1840, -77.5720, -25.8920



197.0490, -108.2890, -36.3930



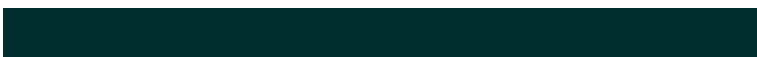
139.6160, -59.9720, 7.5800



106.1240, -6.2810, -1.8090



118.3380, -101.7330, -34.0610



31.6590, -27.1410, -9.2290

Inverse Universe

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



141.0600, 37.5840, 67.7920



146.4220, 52.2050, 94.6770



166.3840, 59.9720, -7.5800



103.4290, 3.3460, 5.4420



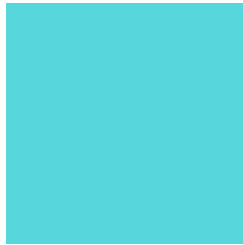
70.8790, 49.1800, 88.9240



18.8840, 12.9710, 23.7470

Previews

White Background



This preview shows how the YIQ color 177.1840, -77.5720, -25.8920 looks on a white background.

Color Contrast Check

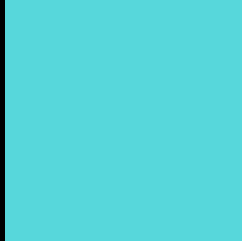
Large Text (above 18pt) WCAG AA × Fail

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 177.1840, -77.5720, -25.8920 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

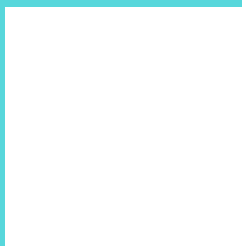
Any Text WCAG AAA ✓ Pass

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

YIQ 177.1840, -77.5720, -25.8920 Background



This preview shows how black text looks on a background with the YIQ color 177.1840, -77.5720, -25.8920.



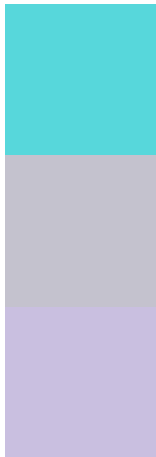
This preview shows how white text looks on a background with the YIQ color 177.1840, -77.5720, -25.8920.

-25.8920.

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

177.1840, -77.5720, -25.8920

Protanopia

195.9660, -2.6600, 4.1560

Deuteranopia

197.7520, -4.6330, 12.3830



Tritanopia

178.8730, -77.8940, -20.0540

Trichromacy



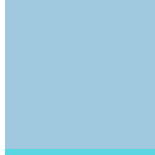
Original Color

177.1840, -77.5720, -25.8920



Protanomaly

189.2720, -30.3050, -6.9530



Deuteranomaly

190.5480, -30.9020, -1.6380



Tritanomaly

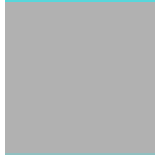
178.4060, -78.0770, -22.2450

Monochromacy



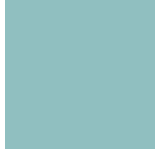
Original Color

177.1840, -77.5720, -25.8920



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

177.0610, -28.3330, -9.6530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.1840, -77.5720, -25.8920 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(87, 215, 219)` looks like.

```
.text, #text, p{  
    color:rgb(87, 215, 219)  
}
```

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(87, 215, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 215, 219) }
```

Border

The CSS property to change the border of an element to YIQ 177.1840, -77.5720, -25.8920 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(87, 215, 219) }
```


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

```
.border{ border-color:rgb(87, 215, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 215, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 215, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 215, 219);  
box-shadow:4px 4px 4px 4px rgb(87, 215,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 177.1840, -77.5720, -25.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 215, 219) }
```

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

```
.background{ background-color: rgb(87, 215,  
219) }
```

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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