

Converting Colors

YIQ(170.5780, -23.5600,
-35.5920)

Have a look what the booklet for
YIQ(170.5780, -23.5600, -35.5920)
contains.

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Color

**YIQ(170.5780, -23.5600,
-35.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	7EC888
RGB	126, 200, 136
RGB Percent	49%, 78%, 53%
CMY	0.5061, 0.2155, 0.4667
CMYK	0.37, 0.00, 0.32, 0.22
HSL	128°, 40%, 64%
HSV	128°, 37%, 78%
XYZ	33.7006, 47.5316, 30.6867
YIQ	170.5780, -23.5600, -35.5920

Conversions

Conversions Part 2

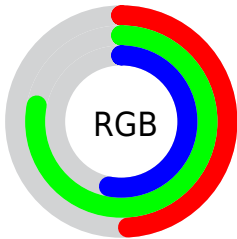
Format	Color
RYB	126, 191, 200
Decimal	8308872
CIELab	74.53, -36.32, 24.96
CIElCh	75, 44.066, 145.505
Yxy	47.5316, 0.3011, 0.4247
Android (android.graphics.Color)	4286498952 (0xFF7EC888)
YUV	170.5780, -17.0470, -39.0949
Hunter-Lab	68.9431, -33.3965, 21.8702

Details

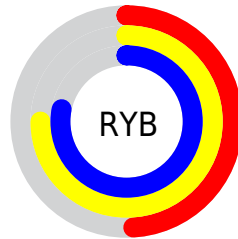
The YIQ color **170.5780, -23.5600, -35.5920** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **155.4220, 23.5600, 35.5920**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.4640, -23.2390, -35.9030**, and **116.7460, -23.9730, -33.6130** is the 20% darker color. If you saturate the color by 10%, you get **162.6600, -30.0230, -45.1190**, and if you desaturate by 10%, it is **178.4960, -17.0970, -26.0650**.

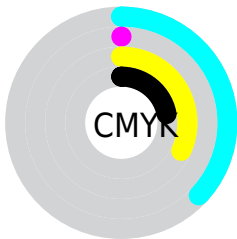
Distribution



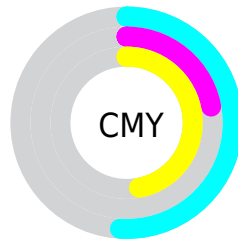
- Red (49%)
- Green (78%)
- Blue (53%)



- Red (49%)
- Yellow (75%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.5780, -23.5600, -35.5920 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 170.5780, -23.5600, -35.5920 by changing the saturation by 10% instead.

■ 170.5780,
-23.5600, -35.5920

■ 170.5780,
-23.5600, -35.5920

■ 255.0000, -0.0000,
-0.0000

■ 143.1050,
-23.6060, -34.7580

■ 225.4640,
-23.2390, -35.9030

■ 117.3330,
-24.2480, -34.1360

■ 237.0280,
-15.5390, -21.2590

■ 90.3760, -25.8070,
-33.4150

■ 248.8910, -7.2430,
-6.4030

■ 63.5110, -30.6210,
-34.2770

■ 43.0280, -24.7070,
-31.3230

■ 27.5890, -12.9250,
-24.5810

■ 14.0880, -6.6000,

-12.5520

■ 0.0000, 0.0000,
0.0000

■ 170.5780,
-23.5600, -35.5920

■ 170.5780,
-23.5600, -35.5920

■ 162.6600,
-30.0230, -45.1190

■ 178.4960,
-17.0970, -26.0650

■ 154.6280,
-36.1650, -54.9570

■ 186.5280,
-10.9550, -16.2270

■ 146.7100,
-42.6280, -64.4840

■ 194.4460, -4.4920,
-6.7000

■ 138.7920,
-49.0910, -74.0110

■ 202.3640, 1.9710,
2.8270

■ 130.8740,
-55.5540, -83.5380

■ 210.2820, 8.4340,
12.3540

■ 122.8420,
-61.6960, -93.3760

■ 218.3140, 14.5760,
22.1920

■ 120.4780,
-63.6670, -96.2030

■ 222.7150, 15.1250,
28.7650

Harmonies

Analogous

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



176.4550, 16.5110, -29.4170



170.5780, -23.5600, -35.5920



158.9480, -74.4520, -38.3880

Triad

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



170.5780, -23.5600, -35.5920



172.6040, -68.8660, 3.5660



183.2700, 61.4340, 21.0020

Complementary

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



170.5780, -23.5600, -35.5920



155.4220, 23.5600, 35.5920

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.



186.6560, 49.1440, 34.4880



170.5780, -23.5600, -35.5920



185.0170, -23.8920, 25.5160

Square

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



170.5780, -23.5600, -35.5920



145.1990, -134.6540, -26.6380



188.3120, 18.0580, 36.1860



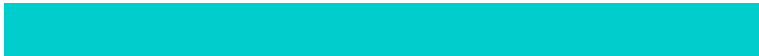
183.5620, 62.7670, 2.3430

Rectangle

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



170.5780, -23.5600, -35.5920



143.5910, -121.8590, -43.7710



188.3120, 18.0580, 36.1860



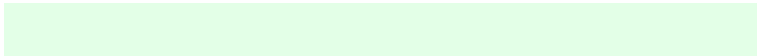
184.1650, 57.5360, 25.5680

Sweetspot

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



170.5780, -23.5600, -35.5920



243.8920, -8.9840, -13.4000



188.5740, 17.7940, -25.1340



121.2070, -5.3170, -8.2690



0.0000, 0.0000, 0.0000



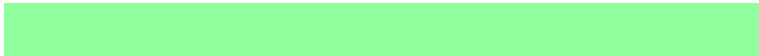
128.0000, -0.0000, -0.0000

Same Dimension

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



170.5780, -23.5600, -35.5920



210.4540, -35.6150, -53.9110



174.7960, -35.4370, -24.0850



95.3970, -2.7960, -4.3960



98.1890, -51.8870, -78.4070



21.7020, -11.5050, -17.2730

Inverse Universe

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



155.4220, 23.5600, 35.5920



187.5460, 35.6150, 53.9110



151.2040, 35.4370, 24.0850



93.6030, 2.7960, 4.3960



64.8110, 51.8870, 78.4070



14.2980, 11.5050, 17.2730

Previews

White Background



This preview shows how the YIQ color 170.5780, -23.5600, -35.5920 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 170.5780, -23.5600, -35.5920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

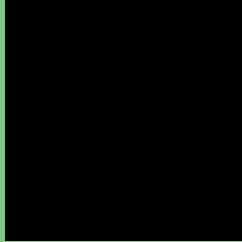
Any Text WCAG AA ✓ Pass

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 170.5780, -23.5600, -35.5920 Background



This preview shows how black text looks on a background with the YIQ color 170.5780, -23.5600, -35.5920.



This preview shows how white text looks on a background with the YIQ color 170.5780, -23.5600, -35.5920.

-35.5920.

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

170.5780, -23.5600, -35.5920

Protanopia

180.3290, 26.2740, -13.6140

Deuteranopia

182.7850, 34.1580, -2.3060



Tritanopia

177.4610, -35.2110, -6.1470

Trichromacy



Original Color

170.5780, -23.5600, -35.5920

Protanomaly

177.0060, 7.8900, -21.8540

Deuteranomaly

178.2720, 13.2530, -14.4190

Tritanomaly

174.8770, -30.9910, -16.5510

Monochromacy



Original Color

170.5780, -23.5600, -35.5920

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.1910, -8.3880, -13.1880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.5780, -23.5600, -35.5920 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(126, 200, 136)` looks like.

```
.text, #text, p{  
    color:rgb(126, 200, 136)  
}
```

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(126, 200, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 200, 136) }
```

Border

The CSS property to change the border of an element to YIQ 170.5780, -23.5600, -35.5920 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(126, 200, 136) }
```


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

```
.border{ border-color:rgb(126, 200, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 200, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 200, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 200, 136);  
box-shadow:4px 4px 4px 4px rgb(126, 200,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 170.5780, -23.5600, -35.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 200, 136) }
```

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

```
.background{ background-color: rgb(126,  
200, 136) }
```

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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