

Converting Colors

YIQ(160.6120, -109.1570,
-53.7090)

Have a look what the booklet for
YIQ(160.6120, -109.1570, -53.7090)
contains.

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Color

**YIQ(160.6120, -109.1570,
-53.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	17E1BE
RGB	23, 225, 190
RGB Percent	9%, 88%, 75%
CMY	0.9102, 0.1173, 0.2553
CMYK	0.90, 0.00, 0.16, 0.12
HSL	170°, 82%, 49%
HSV	170°, 90%, 88%
XYZ	36.5815, 57.7901, 57.8824
YIQ	160.6120, -109.1570, -53.7090

Conversions

Conversions Part 2

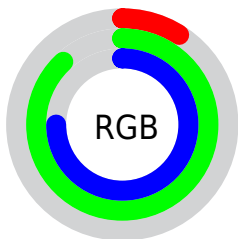
Format	Color
R_{YB}	23, 134, 225
Decimal	1565118
CIE Lab	80.62, -52.77, 4.57
CIE LCh	81, 52.971, 175.047
Yxy	57.7901, 0.2403, 0.3796
Android (android.graphics.Color)	4279755198 (0xFF17E1BE)
YUV	160.6120, 14.4883, -120.6857
Hunter-Lab	76.0198, -47.1387, 8.0697

Details

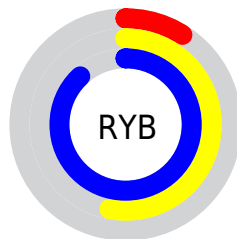
The YIQ color **160.6120, -109.1570, -53.7090** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **87.3880, 109.1570, 53.7090**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.8150, -81.1470, -32.6910**, and **114.8210, -90.4520, -45.7800** is the 20% darker color. If you saturate the color by 10%, you get **153.2790, -121.5810, -59.8290**, and if you desaturate by 10%, it is **167.6460, -97.3290, -47.8010**.

Distribution



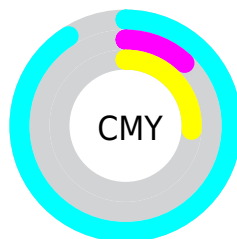
- Red (9%)
- Green (88%)
- Blue (75%)



- Red (9%)
- Yellow (53%)
- Blue (88%)



- Cyan (90%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)



- Cyan (91%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 160.6120, -109.1570, -53.7090 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 160.6120, -109.1570, -53.7090 by changing the saturation by 10% instead.

■ 160.6120,
-109.1570, -53.7090

■ 160.6120,
-109.1570, -53.7090

■ 255.0000, -0.0000,
-0.0000

■ 134.2210,
-106.4980, -52.3380

■ 211.8150,
-81.1470, -32.6910

■ 114.8210,
-90.4520, -45.7800

■ 222.7080,
-64.3680, -22.8960

■ 95.4210, -74.4060,
-39.2220

■ 232.2760,
-45.2960, -16.1120

■ 77.4230, -59.5520,
-33.0880

■ 241.5450,
-26.8200, -9.5400

■ 59.5390, -45.0190,
-26.6430

■ 251.1130, -7.7480,
-2.7560

■ 42.3560, -31.0820,
-20.4100

■ 27.0480, -18.2910,

-15.4350

■ 2.3480, -1.1000,
-2.0920

■ 0.0000, 0.0000,
0.0000

■ 160.6120,
-109.1570, -53.7090

■ 160.6120,
-109.1570, -53.7090

■ 153.2790,
-121.5810, -59.8290

■ 167.6460,
-97.3290, -47.8010

■ 174.9790,
-84.9050, -41.6810

■ 182.0130,
-73.0770, -35.7730

■ 189.3460,
-60.6530, -29.6530

■ 196.2660,
-48.5040, -24.0560

■ 203.5990,
-36.0800, -17.9360

■ 210.6330,
-24.2520, -12.0280

■ 217.9660,
-11.8280, -5.9080

■ 225.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



183.7850, -28.8770, -43.8610



160.6120, -109.1570, -53.7090



159.4350, -138.9150, -43.0350

Triad

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



160.6120, -109.1570, -53.7090



198.0080, -19.6730, 20.6390



193.8240, 64.7850, -1.1910

Complementary

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



160.6120, -109.1570, -53.7090



87.3880, 109.1570, 53.7090

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.



189.6930, 55.7490, 19.4050



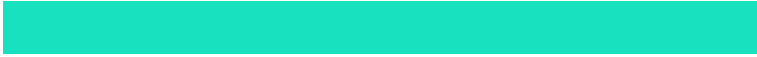
160.6120, -109.1570, -53.7090



205.9800, 22.2290, 43.1970

Square

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



160.6120, -109.1570, -53.7090



179.8700, -81.8390, -9.1270



194.1050, 40.5700, 35.6900



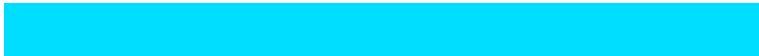
196.0270, 56.1230, -20.4290

Rectangle

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



160.6120, -109.1570, -53.7090



159.3840, -142.9050, -36.8010



194.1050, 40.5700, 35.6900



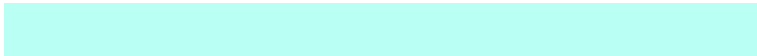
191.6700, 62.5830, 5.6790

Sweetspot

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



160.6120, -109.1570, -53.7090



233.0010, -37.2720, -18.3600



152.6370, -33.4980, -97.8020



114.8290, -21.8680, -11.1800



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.



160.6120, -109.1570, -53.7090



173.7390, -137.8560, -67.7440



127.0340, -102.7920, -9.3520



108.4830, -5.9140, -2.9540



119.8420, -94.9450, -46.9530



32.7360, -26.0400, -12.6640

Inverse Universe

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



87.3880, 109.1570, 53.7090



81.2610, 137.8560, 67.7440



120.9660, 102.7920, 9.3520



104.5170, 5.9140, 2.9540



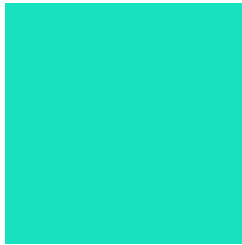
56.1580, 94.9450, 46.9530



15.2640, 26.0400, 12.6640

Previews

White Background



This preview shows how the YIQ color 160.6120, -109.1570, -53.7090 looks on a white background.

Color Contrast Check

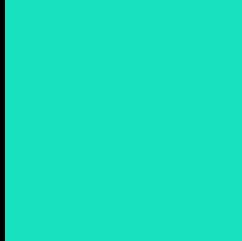
Large Text (above 18pt) WCAG AA × Fail

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 160.6120, -109.1570, -53.7090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

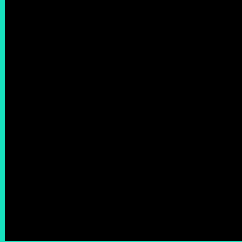
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

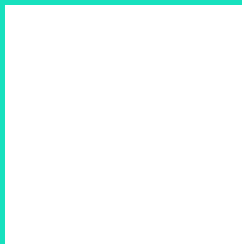
Any Text WCAG AAA ✓ Pass

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

YIQ 160.6120, -109.1570, -53.7090 Background



This preview shows how black text looks on a background with the YIQ color 160.6120, -109.1570, -53.7090.

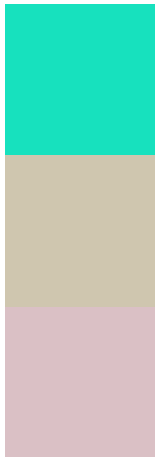


This preview shows how white text looks on a background with the YIQ color 160.6120, -109.1570, -53.7090.

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

160.6120, -109.1570, -53.7090

Protanopia

198.0690, 12.7470, -5.2450

Deuteranopia

200.3440, 13.8910, 7.0670



Tritanopia

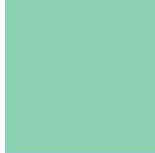
175.4900, -96.0490, -26.9370

Trichromacy



Original Color

160.6120, -109.1570, -53.7090



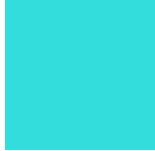
Protanomaly

184.4760, -31.5400, -23.1240



Deuteranomaly

185.8170, -30.7620, -15.1940



Tritanomaly

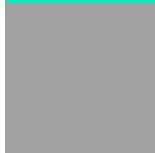
169.9420, -100.6780, -36.6620

Monochromacy



Original Color

160.6120, -109.1570, -53.7090



Achromatopsia

161.0000, -0.0000, -0.0000



Achromatomaly

160.8050, -39.6560, -19.2080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.6120, -109.1570, -53.7090 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(23, 225, 190)` looks like.

```
.text, #text, p{  
    color:rgb(23, 225, 190)  
}
```

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(23, 225, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 225, 190) }
```

Border

The CSS property to change the border of an element to YIQ 160.6120, -109.1570, -53.7090 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(23, 225, 190) }
```


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

```
.border{ border-color:rgb(23, 225, 190) }
```

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

Here you see how a box with a 4 pixel rgb(23, 225, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 225, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 225, 190);  
box-shadow:4px 4px 4px 4px rgb(23, 225,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 160.6120, -109.1570, -53.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 225, 190) }
```

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

```
.background{ background-color: rgb(23, 225,  
190) }
```

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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