

Converting Colors

YIQ(165.3030, -120.9880,
-43.0360)

Have a look what the booklet for
YIQ(165.3030, -120.9880, -43.0360)
contains.

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Color

**YIQ(165.3030, -120.9880,
-43.0360)**

Conversions

Conversions Part 1

Format	Color
Hex	17E2E2
RGB	23, 226, 226
RGB Percent	9%, 89%, 89%
CMY	0.9102, 0.1134, 0.1142
CMYK	0.90, 0.00, 0.00, 0.11
HSL	180°, 82%, 49%
HSV	180°, 90%, 89%
XYZ	41.2808, 60.1041, 81.2890
YIQ	165.3030, -120.9880, -43.0360

Conversions

Conversions Part 2

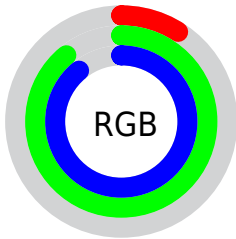
Format	Color
R _Y B	23, 125, 226
Decimal	1565410
CIE Lab	81.89, -43.31, -12.65
CIE LCh	82, 45.118, 196.283
Yxy	60.1041, 0.2260, 0.3290
Android (android.graphics.Color)	4279755490 (0xFF17E2E2)
YUV	165.3030, 29.9236, -124.7997
Hunter-Lab	77.5268, -40.6260, -7.8984

Details

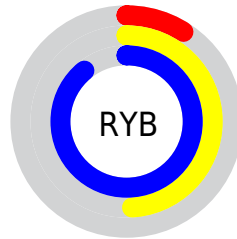
The YIQ color **165.3030, -120.9880, -43.0360** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **83.6970, 120.9880, 43.0360**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.7380, -82.2480, -29.2560**, and **119.2840, -101.6410, -35.7290** is the 20% darker color. If you saturate the color by 10%, you get **158.4260, -134.6960, -47.9120**, and if you desaturate by 10%, it is **172.1800, -107.2800, -38.1600**.

Distribution



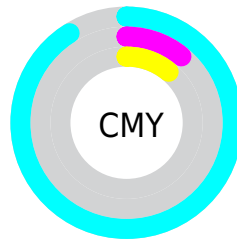
- Red (9%)
- Green (89%)
- Blue (89%)



- Red (9%)
- Yellow (49%)
- Blue (89%)



- Cyan (90%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (91%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.3030, -120.9880, -43.0360 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 165.3030, -120.9880, -43.0360 by changing the saturation by 10% instead.

■ 165.3030,
-120.9880, -43.0360

■ 165.3030,
-120.9880, -43.0360

■ 255.0000, -0.0000,
-0.0000

■ 138.7980,
-118.0080, -41.9760

■ 213.7380,
-82.2480, -29.2560

■ 119.2840,
-101.6410, -35.7290

■ 223.9040,
-61.9840, -22.0480

■ 100.3570,
-85.5490, -30.0050

■ 233.4720,
-42.9120, -15.2640

■ 82.2450, -70.3740,
-24.1820

■ 243.0400,
-23.8400, -8.4800

■ 64.1330, -55.1990,
-18.3590

■ 252.6080, -4.7680,
-1.6960

■ 47.3090, -40.8950,
-13.2710

■ 31.3000, -27.5080,

-8.0840

■ 11.4100, -12.8380,
1.3860

■ 0.0000, 0.0000,
0.0000

■ 165.3030,
-120.9880, -43.0360

■ 165.3030,
-120.9880, -43.0360

■ 158.4260,
-134.6960, -47.9120

■ 172.1800,
-107.2800, -38.1600

■ 178.7580,
-94.1680, -33.4960

■ 185.6350,
-80.4600, -28.6200

■ 192.2130,
-67.3480, -23.9560

■ 199.0900,
-53.6400, -19.0800

■ 205.9670,
-39.9320, -14.2040

■ 212.5450,
-26.8200, -9.5400

■ 219.4220,
-13.1120, -4.6640

■ 226.0000, -0.0000,
0.0000

Harmonies

Analogous

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



184.2180, -57.7170, -38.8130



165.3030, -120.9880, -43.0360



159.3840, -142.9050, -36.8010

Triad

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



165.3030, -120.9880, -43.0360



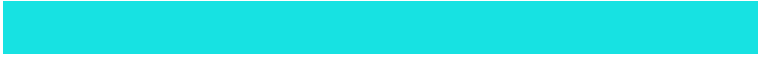
207.9410, 8.7970, 33.3170



201.8240, 55.6170, -11.2550

Complementary

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



165.3030, -120.9880, -43.0360



83.6970, 120.9880, 43.0360

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.



198.3210, 56.2560, 4.7040



165.3030, -120.9880, -43.0360



203.4460, 32.1800, 33.5560

Square

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



165.3030, -120.9880, -43.0360



199.9910, -30.1710, 12.6530



197.3700, 46.5330, 21.2290



198.0820, 27.9270, -27.0570

Rectangle

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



165.3030, -120.9880, -43.0360



178.5750, -97.4260, -18.4980



197.3700, 46.5330, 21.2290



201.6660, 59.2380, -5.2900

Sweetspot

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



165.3030, -120.9880, -43.0360



234.3690, -41.1240, -14.6280



143.0580, -54.0370, -105.5330



115.6270, -24.1150, -9.0030



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.



165.3030, -120.9880, -43.0360



178.7550, -151.9800, -54.0600



107.7770, -94.0380, 8.2180



108.7110, -6.5560, -2.3320



123.3760, -104.8960, -37.3120



33.6480, -28.6080, -10.1760

Inverse Universe

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



83.6970, 120.9880, 43.0360



76.2450, 151.9800, 54.0600



141.2230, 94.0380, -8.2180



104.2890, 6.5560, 2.3320



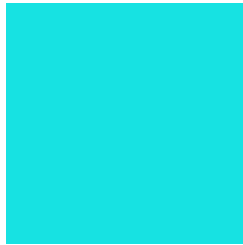
52.6240, 104.8960, 37.3120



14.3520, 28.6080, 10.1760

Previews

White Background



This preview shows how the YIQ color 165.3030, -120.9880, -43.0360 looks on a white background.

Color Contrast Check

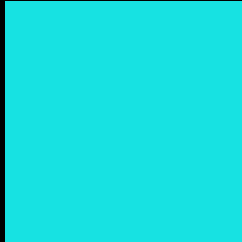
Large Text (above 18pt) WCAG AA × Fail

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 165.3030, -120.9880, -43.0360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

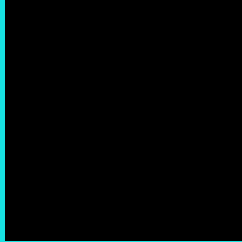
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

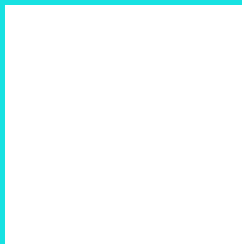
Any Text WCAG AAA ✓ Pass

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

YIQ 165.3030, -120.9880, -43.0360 Background



This preview shows how black text looks on a background with the YIQ color 165.3030, -120.9880, -43.0360.

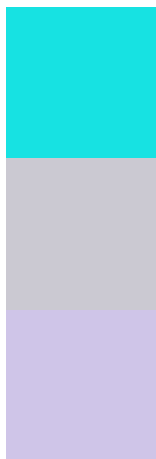


This preview shows how white text looks on a background with the YIQ color 165.3030, -120.9880, -43.0360.

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

165.3030, -120.9880, -43.0360

Protanopia

202.6240, -1.6970, 3.2230

Deuteranopia

203.9800, -5.2750, 13.0050



Tritanopia

172.8300, -111.8660, -32.1380

Trichromacy



Original Color

165.3030, -120.9880, -43.0360



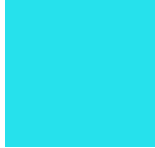
Protanomaly

189.1560, -44.8380, -13.3980



Deuteranomaly

190.1760, -47.5900, -7.5740



Tritanomaly

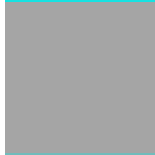
170.3410, -114.9830, -36.2230

Monochromacy



Original Color

165.3030, -120.9880, -43.0360



Achromatopsia

165.0000, -0.0000, -0.0000



Achromatomaly

164.8740, -44.1040, -15.6880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.3030, -120.9880, -43.0360 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, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(23, 226, 226)  
}
```

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, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 226, 226) }
```

Border

The CSS property to change the border of an element to YIQ 165.3030, -120.9880, -43.0360 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, 226, 226) }
```


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

```
.border{ border-color:rgb(23, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(23, 226,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 165.3030, -120.9880, -43.0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 226, 226) }
```

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

```
.background{ background-color: rgb(23, 226,  
226) }
```

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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