

Converting Colors

YIQ(195.2060, -39.1070,
-12.6350)

Have a look what the booklet for
YIQ(195.2060, -39.1070, -12.6350)
contains.

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Color

**YIQ(195.2060, -39.1070,
-12.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	96D6D9
RGB	150, 214, 217
RGB Percent	59%, 84%, 85%
CMY	0.4119, 0.1607, 0.1492
CMYK	0.31, 0.01, 0.00, 0.15
HSL	183°, 47%, 72%
HSV	183°, 31%, 85%
XYZ	49.1432, 59.5948, 74.5311
YIQ	195.2060, -39.1070, -12.6350

Conversions

Conversions Part 2

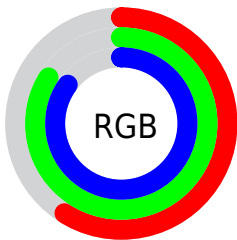
Format	Color
R _{YB}	150, 183, 217
Decimal	9885401
CIE _{Lab}	81.62, -19.46, -7.95
CIE _{LCh}	82, 21.020, 202.237
Yxy	59.5948, 0.2681, 0.3252
Android (android.graphics.Color)	4288075481 (0xFF96D6D9)
YUV	195.2060, 10.7444, -39.6457
Hunter-Lab	77.1977, -21.4649, -3.2036

Details

The YIQ color **195.2060, -39.1070, -12.6350** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **171.7940, 39.1070, 12.6350**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3490, -29.2040, -10.3880**, and **140.5050, -38.5110, -12.4230** is the 20% darker color. If you saturate the color by 10%, you get **188.0410, -51.9440, -16.7760**, and if you desaturate by 10%, it is **202.3710, -26.2700, -8.4940**.

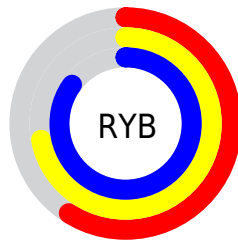
Distribution



Red (59%)

Green (84%)

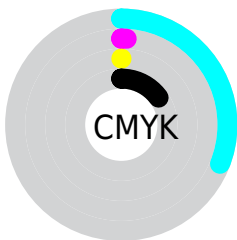
Blue (85%)



Red (59%)

Yellow (72%)

Blue (85%)

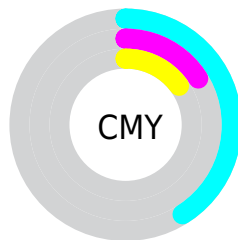


Cyan (31%)

Magenta (1%)

Yellow (0%)

Black (15%)



Cyan (41%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.2060, -39.1070, -12.6350 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 195.2060, -39.1070, -12.6350 by changing the saturation by 10% instead.

■ 195.2060,
-39.1070, -12.6350

■ 195.2060,
-39.1070, -12.6350

■ 255.0000, -0.0000,
-0.0000

■ 167.5050,
-38.5110, -12.4230

■ 240.3490,
-29.2040, -10.3880

■ 140.5050,
-38.5110, -12.4230

■ 249.0200,
-11.9200, -4.2400

■ 114.2060,
-39.1070, -12.6350

■ 88.6080, -40.2990,
-13.0590

■ 60.6180, -46.2590,
-15.1790

■ 42.4020, -36.7230,
-11.7870

■ 26.9800, -23.6110,

-7.1230

■ 9.4380, -10.0410,
0.2550

■ 0.0000, 0.0000,
0.0000

■ 195.2060,
-39.1070, -12.6350

■ 195.2060,
-39.1070, -12.6350

■ 188.0410,
-51.9440, -16.7760

■ 202.3710,
-26.2700, -8.4940

■ 181.1750,
-64.1850, -20.7050

■ 209.2370,
-14.0290, -4.5650

■ 174.0100,
-77.0220, -24.8460

■ 216.4020, -1.1920,
-0.4240

■ 166.8450,
-89.8590, -28.9870

■ 223.5670, 11.6450,
3.7170

■ 159.6800,
-102.6960, -33.1280

■ 229.5360, 22.0980,
7.0100

■ 152.8140,
-114.9370, -37.0570

■ 230.1230, 21.8230,
6.4870

■ 146.2470,
-126.5820, -40.7740

■ 230.7100, 21.5480,
5.9640

■ 231.2970, 21.2730,
5.4410

■ 231.8840, 20.9980,
4.9180

Harmonies

Analogous

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



195.9160, -26.7270, -16.7350



195.2060, -39.1070, -12.6350



196.7640, -40.4380, -5.0300

Triad

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



195.2060, -39.1070, -12.6350



206.1450, 7.5620, 17.1460



202.7730, 25.2640, -6.3200

Complementary

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



195.2060, -39.1070, -12.6350



171.7940, 39.1070, 12.6350

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.



204.6480, 33.2860, 2.4860



195.2060, -39.1070, -12.6350



206.2300, 23.3800, 16.8200

Square

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



195.2060, -39.1070, -12.6350



204.4460, -12.5190, 12.1290



206.0320, 32.5050, 11.1370



200.2440, 10.4560, -13.2880

Rectangle

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



195.2060, -39.1070, -12.6350



199.0900, -35.3040, 1.0480



206.0320, 32.5050, 11.1370



203.6210, 28.7480, -3.3800

Sweetspot

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



195.2060, -39.1070, -12.6350



247.5360, -13.4330, -4.3530



189.5570, -19.0670, -34.4190



122.9280, -8.6650, -2.6570



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.



195.2060, -39.1070, -12.6350



224.5460, -54.9240, -17.8360



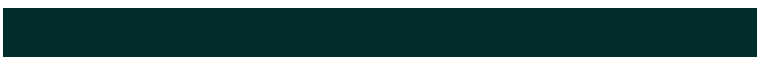
175.8350, -30.0320, 4.6240



106.1240, -6.2810, -1.8090



117.1640, -101.1830, -33.0150



31.0720, -26.8660, -8.7060

Inverse Universe

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



177.3290, 19.3880, 34.1080



199.3660, 27.1340, 47.9180



191.1650, 30.0320, -4.6240



103.4290, 3.3460, 5.4420



70.6510, 49.8220, 88.3020



18.7700, 13.2920, 23.4360

Previews

White Background



This preview shows how the YIQ color 195.2060, -39.1070, -12.6350 looks on a white background.

Color Contrast Check

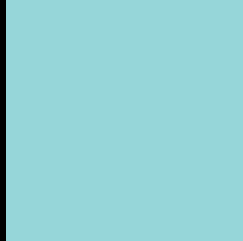
Large Text (above 18pt) WCAG AA × Fail

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 195.2060, -39.1070, -12.6350 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 195.2060, -39.1070, -12.6350 Background



This preview shows how black text looks on a background with the YIQ color 195.2060, -39.1070, -12.6350.



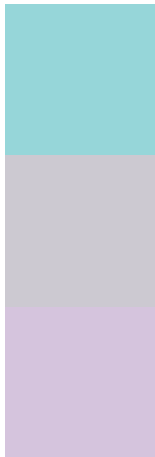
This preview shows how white text looks on a background with the YIQ color 195.2060, -39.1070, -12.6350.

-12.6350.

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

195.2060, -39.1070, -12.6350

Protanopia

202.8090, -0.7800, 3.1240

Deuteranopia

203.9330, 2.1070, 11.3790



Tritanopia

196.2970, -40.6210, -7.2210

Trichromacy



Original Color

195.2060, -39.1070, -12.6350

Protanomaly

200.1060, -15.0380, -2.7980

Deuteranomaly

201.0510, -13.2050, 2.5310

Tritanomaly

196.1290, -40.2080, -9.2000

Monochromacy



Original Color

195.2060, -39.1070, -12.6350

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.2370, -14.0290, -4.5650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.2060, -39.1070, -12.6350 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(150, 214, 217)` looks like.

```
.text, #text, p{  
    color:rgb(150, 214, 217)  
}
```

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(150, 214, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 214, 217) }
```

Border

The CSS property to change the border of an element to YIQ 195.2060, -39.1070, -12.6350 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(150, 214, 217) }
```


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

```
.border{ border-color:rgb(150, 214, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 214, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 214, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 214, 217);  
box-shadow:4px 4px 4px 4px rgb(150, 214,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 195.2060, -39.1070, -12.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 214, 217) }
```

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

```
.background{ background-color: rgb(150,  
214, 217) }
```

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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