

Converting Colors

YIQ(199.5680, -51.9900,
-15.9420)

Have a look what the booklet for
YIQ(199.5680, -51.9900, -15.9420)
contains.

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Color

**YIQ(199.5680, -51.9900,
-15.9420)**

Conversions

Conversions Part 1

Format	Color
Hex	8CE0E6
RGB	140, 224, 230
RGB Percent	55%, 88%, 90%
CMY	0.4512, 0.1214, 0.0982
CMYK	0.39, 0.03, 0.00, 0.10
HSL	184°, 64%, 73%
HSV	184°, 39%, 90%
XYZ	51.7473, 64.6116, 84.5672
YIQ	199.5680, -51.9900, -15.9420

Conversions

Conversions Part 2

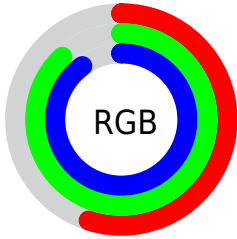
Format	Color
R _Y B	140, 183, 230
Decimal	9232614
CIE _{Lab}	84.28, -23.98, -10.94
CIE _{LCh}	84, 26.357, 204.523
Y _{xy}	64.6116, 0.2575, 0.3216
Android (android.graphics.Color)	4287422694 (0xFF8CE0E6)
YUV	199.5680, 15.0030, -52.2411
Hunter-Lab	80.3813, -25.7538, -6.1106

Details

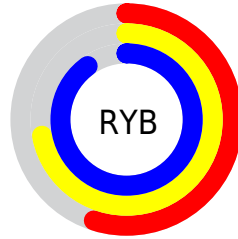
The YIQ color **199.5680, -51.9900, -15.9420** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **170.4320, 51.9900, 15.9420**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.6580, -34.5680, -12.2960**, and **144.2690, -52.5860, -16.1540** is the 20% darker color. If you saturate the color by 10%, you get **192.1040, -65.4230, -20.2950**, and if you desaturate by 10%, it is **207.6190, -38.8320, -12.1120**.

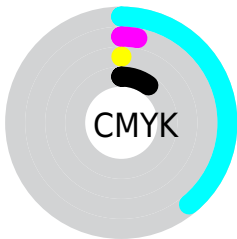
Distribution



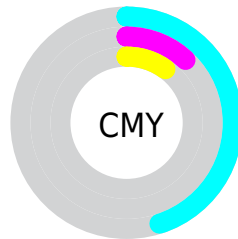
- Red (55%)
- Green (88%)
- Blue (90%)



- Red (55%)
- Yellow (72%)
- Blue (90%)



- Cyan (39%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (45%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.5680, -51.9900, -15.9420 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 199.5680, -51.9900, -15.9420 by changing the saturation by 10% instead.

■ 199.5680,
-51.9900, -15.9420

■ 199.5680,
-51.9900, -15.9420

■ 255.0000, -0.0000,
-0.0000

■ 171.5680,
-51.9900, -15.9420

■ 237.6580,
-34.5680, -12.2960

■ 143.8560,
-52.8610, -16.6770

■ 246.3290,
-17.2840, -6.1480

■ 116.3720,
-54.3740, -16.7900

■ 86.4850, -62.1220,
-19.5460

■ 64.4750, -56.1620,
-17.4260

■ 47.7650, -42.1790,
-12.0270

■ 32.2290, -28.7460,

-7.6740

■ 18.0950, -16.5050,
-3.7450

■ 0.3420, -0.9630,
0.9330

■ 199.5680,
-51.9900, -15.9420

■ 199.5680,
-51.9900, -15.9420

■ 192.1040,
-65.4230, -20.2950

■ 207.6190,
-38.8320, -12.1120

■ 184.0530,
-78.5810, -24.1250

■ 215.0830,
-25.3990, -7.7590

■ 176.5890,
-92.0140, -28.4780

■ 223.1340,
-12.2410, -3.9290

■ 168.5380,
-105.1720, -32.3080

■ 230.5980, 1.1920,
0.4240

■ 160.4870,
-118.3300, -36.1380

■ 238.6490, 14.3500,
4.2540

■ 153.0230,
-131.7630, -40.4910

■ 239.2360, 14.0750,
3.7310

■ 152.4250,
-132.9550, -40.9150

■ 240.4100, 13.5250,
2.6850

■ 240.9970, 13.2500,
2.1620

■ 242.1710, 12.7000,
1.1160

Harmonies

Analogous

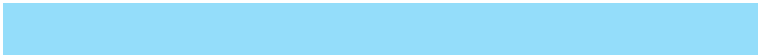
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



200.6050, -36.2170, -20.9610



199.5680, -51.9900, -15.9420



202.4790, -52.8170, -6.4570

Triad

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



199.5680, -51.9900, -15.9420



214.0470, 10.9540, 21.7540



209.5300, 30.2620, -8.7940

Complementary

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



199.5680, -51.9900, -15.9420



170.4320, 51.9900, 15.9420

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.



211.9540, 41.1720, 2.7400



199.5680, -51.9900, -15.9420



214.1600, 29.5690, 20.2970

Square

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



199.5680, -51.9900, -15.9420



211.5970, -14.2620, 16.1860



211.3100, 37.5940, 12.5220



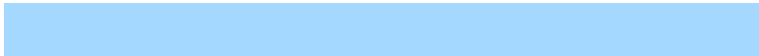
206.9080, 11.2820, -17.2460

Rectangle

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



199.5680, -51.9900, -15.9420



204.8980, -43.5110, 1.1050



211.3100, 37.5940, 12.5220



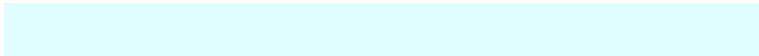
210.3890, 35.2130, -4.9070

Sweetspot

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



199.5680, -51.9900, -15.9420



244.5570, -17.9260, -5.5260



193.2860, -26.0340, -45.8260



121.4440, -10.1780, -2.7700



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.



199.5680, -51.9900, -15.9420



214.4240, -69.3200, -21.2560



173.7400, -39.8900, 7.0700



110.8250, -6.8770, -2.0210



118.4350, -103.3840, -31.6720



33.9900, -29.5710, -9.2430

Inverse Universe

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



176.4860, 26.6760, 45.2040



183.6480, 35.5680, 60.2720



195.6730, 40.1650, -6.5470



107.8420, 3.6210, 5.9650



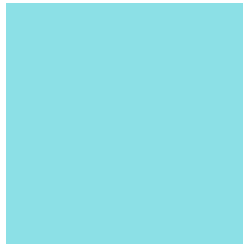
72.5590, 53.0770, 89.8850



20.7210, 14.9880, 25.7400

Previews

White Background



This preview shows how the YIQ color 199.5680, -51.9900, -15.9420 looks on a white background.

Color Contrast Check

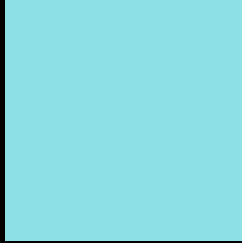
Large Text (above 18pt) WCAG AA × Fail

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 199.5680, -51.9900, -15.9420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

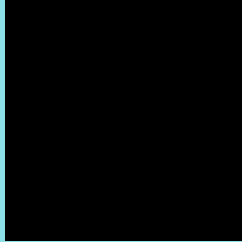
Any Text WCAG AA ✓ Pass

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 199.5680, -51.9900, -15.9420 Background



This preview shows how black text looks on a background with the YIQ color 199.5680, -51.9900, -15.9420.



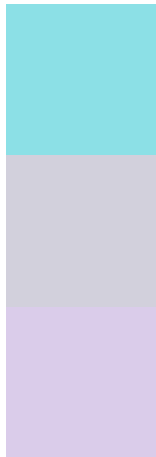
This preview shows how white text looks on a background with the YIQ color 199.5680, -51.9900, -15.9420.

-15.9420.

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

199.5680, -51.9900, -15.9420

Protanopia

209.9660, -2.6600, 4.1560

Deuteranopia

211.6060, -1.2860, 12.2980



Tritanopia

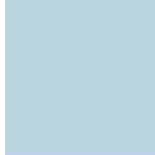
200.4310, -52.8620, -11.1500

Trichromacy



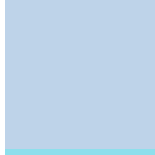
Original Color

199.5680, -51.9900, -15.9420



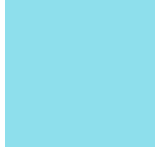
Protanomaly

206.4690, -20.4940, -3.0380



Deuteranomaly

207.2290, -19.5780, 2.3900



Tritanomaly

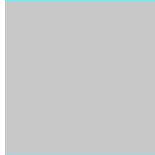
200.2630, -52.4490, -13.1290

Monochromacy



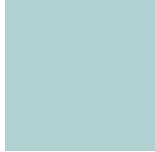
Original Color

199.5680, -51.9900, -15.9420



Achromatopsia

200.0000, -0.0000, -0.0000



Achromatomaly

199.9590, -19.1180, -5.9500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.5680, -51.9900, -15.9420 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(140, 224, 230)` looks like.

```
.text, #text, p{  
    color:rgb(140, 224, 230)  
}
```

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(140, 224, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 224, 230) }
```

Border

The CSS property to change the border of an element to YIQ 199.5680, -51.9900, -15.9420 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(140, 224, 230) }
```


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

```
.border{ border-color:rgb(140, 224, 230) }
```

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

Here you see how a box with a 4 pixel rgb(140, 224, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 224, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 224, 230);  
box-shadow:4px 4px 4px 4px rgb(140, 224,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 199.5680, -51.9900, -15.9420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 224, 230) }
```

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

```
.background{ background-color: rgb(140,  
224, 230) }
```

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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