

Converting Colors

YIQ(199.7420, -52.5400,
-16.9880)

Have a look what the booklet for
YIQ(199.7420, -52.5400, -16.9880)
contains.

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Color

**YIQ(199.7420, -52.5400,
-16.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	8BE1E5
RGB	139, 225, 229
RGB Percent	55%, 88%, 90%
CMY	0.4551, 0.1175, 0.1022
CMYK	0.39, 0.02, 0.00, 0.10
HSL	183°, 63%, 72%
HSV	183°, 39%, 90%
XYZ	51.7092, 65.0086, 83.9118
YIQ	199.7420, -52.5400, -16.9880

Conversions

Conversions Part 2

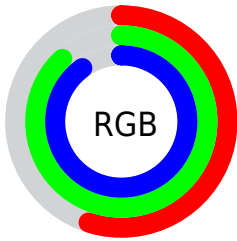
Format	Color
R _Y B	139, 183, 229
Decimal	9167333
CIE Lab	84.49, -24.96, -10.11
CIE LCh	84, 26.933, 202.047
Yxy	65.0086, 0.2577, 0.3240
Android (android.graphics.Color)	4287357413 (0xFF8BE1E5)
YUV	199.7420, 14.4242, -53.2707
Hunter-Lab	80.6279, -26.6214, -5.2652

Details

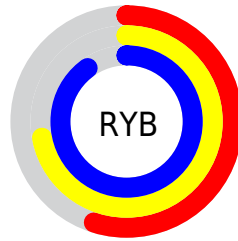
The YIQ color **199.7420, -52.5400, -16.9880** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **168.2580, 52.5400, 16.9880**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.3590, -35.1640, -12.5080**, and **143.5570, -53.4570, -16.8890** is the 20% darker color. If you saturate the color by 10%, you get **192.2780, -65.9730, -21.3410**, and if you desaturate by 10%, it is **207.2060, -39.1070, -12.6350**.

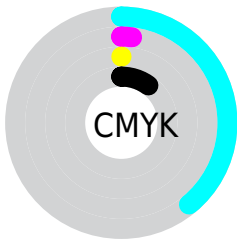
Distribution



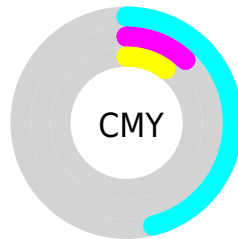
- Red (55%)
- Green (88%)
- Blue (90%)



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



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.7420, -52.5400, -16.9880 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 199.7420, -52.5400, -16.9880 by changing the saturation by 10% instead.

■ 199.7420,
-52.5400, -16.9880

■ 199.7420,
-52.5400, -16.9880

■ 255.0000, -0.0000,
-0.0000

■ 171.7420,
-52.5400, -16.9880

■ 237.3590,
-35.1640, -12.5080

■ 144.1440,
-53.7320, -17.4120

■ 246.0300,
-17.8800, -6.3600

■ 116.2470,
-55.5200, -18.0480

■ 85.7620, -64.4600,
-21.2280

■ 64.9480, -56.1160,
-18.2600

■ 48.2380, -42.1330,
-12.8610

■ 32.1150, -28.4250,

-7.9850

■ 17.9810, -16.1840,
-4.0560

■ 0.1140, -0.3210,
0.3110

■ 199.7420,
-52.5400, -16.9880

■ 199.7420,
-52.5400, -16.9880

■ 192.2780,
-65.9730, -21.3410

■ 207.2060,
-39.1070, -12.6350

■ 184.8140,
-79.4060, -25.6940

■ 214.6700,
-25.6740, -8.2820

■ 177.3500,
-92.8390, -30.0470

■ 222.1340,
-12.2410, -3.9290

■ 169.8860,
-106.2720, -34.4000

■ 229.5980, 1.1920,
0.4240

■ 162.4220,
-119.7050, -38.7530

■ 236.7630, 14.0290,
4.5650

■ 155.2570,
-132.5420, -42.8940

■ 237.9480, 14.9460,
4.4660

■ 154.6590,
-133.7340, -43.3180

■ 238.5350, 14.6710,
3.9430

■ 239.1220, 14.3960,
3.4200

■ 239.7090, 14.1210,
2.8970

Harmonies

Analogous

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



201.2630, -35.2540, -21.8940



199.7420, -52.5400, -16.9880



202.1690, -54.8800, -7.6160

Triad

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



199.7420, -52.5400, -16.9880



214.6770, 9.1200, 21.9520



210.4270, 32.0500, -8.1580

Complementary

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



199.7420, -52.5400, -16.9880



168.2580, 52.5400, 16.9880

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.



212.6660, 42.0430, 3.4750



199.7420, -52.5400, -16.9880



214.5020, 28.6060, 21.2300

Square

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



199.7420, -52.5400, -16.9880



212.1730, -16.0040, 14.7160



211.5380, 36.9520, 13.1440



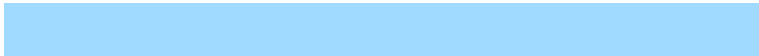
207.5770, 13.7120, -17.2320

Rectangle

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



199.7420, -52.5400, -16.9880



205.1750, -45.8490, -0.5770



211.5380, 36.9520, 13.1440



211.2860, 37.0010, -4.2710

Sweetspot

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



199.7420, -52.5400, -16.9880



245.1440, -18.2010, -6.0490



192.1720, -25.7130, -46.1370



122.0310, -10.4530, -3.2930



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.



199.7420, -52.5400, -16.9880



216.1850, -70.1450, -22.8250



173.9140, -40.4400, 6.0240



110.8250, -6.8770, -2.0210



120.7830, -104.4840, -33.7640



34.5770, -29.8460, -9.7660

Inverse Universe

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



175.7140, 26.0340, 45.8260



183.9900, 34.6050, 61.2050



194.0860, 40.4400, -6.0240



107.8420, 3.6210, 5.9650



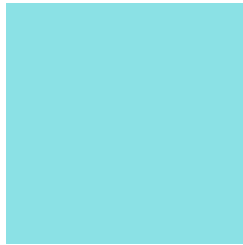
73.0150, 51.7930, 91.1290



20.8350, 14.6670, 26.0510

Previews

White Background



This preview shows how the YIQ color 199.7420, -52.5400, -16.9880 looks on a white background.

Color Contrast Check

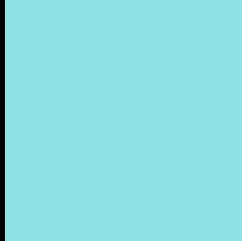
Large Text (above 18pt) WCAG AA × Fail

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 199.7420, -52.5400, -16.9880 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 199.7420, -52.5400, -16.9880 Background



This preview shows how black text looks on a background with the YIQ color 199.7420, -52.5400, -16.9880.



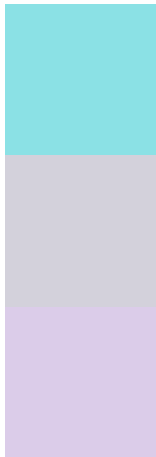
This preview shows how white text looks on a background with the YIQ color 199.7420, -52.5400, -16.9880.

-16.9880.

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

199.7420, -52.5400, -16.9880

Protanopia

210.7380, -2.0180, 3.5340

Deuteranopia

211.7910, -0.3690, 12.1990



Tritanopia

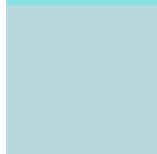
200.8330, -54.0540, -11.5740

Trichromacy



Original Color

199.7420, -52.5400, -16.9880



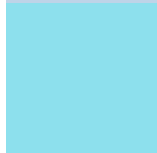
Protanomaly

206.9420, -20.4480, -3.8720



Deuteranomaly

207.7020, -19.5320, 1.5560



Tritanomaly

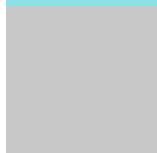
200.6650, -53.6410, -13.5530

Monochromacy



Original Color

199.7420, -52.5400, -16.9880



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 199.7420, -52.5400, -16.9880 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(139, 225, 229)` looks like.

```
.text, #text, p{  
    color:rgb(139, 225, 229)  
}
```

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(139, 225, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 225, 229) }
```

Border

The CSS property to change the border of an element to YIQ 199.7420, -52.5400, -16.9880 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(139, 225, 229) }
```


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

```
.border{ border-color:rgb(139, 225, 229) }
```

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

Here you see how a box with a 4 pixel rgb(139, 225, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 225, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 225, 229);  
box-shadow:4px 4px 4px 4px rgb(139, 225,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 199.7420, -52.5400, -16.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 225, 229) }
```

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

```
.background{ background-color: rgb(139,  
225, 229) }
```

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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