

Converting Colors

YIQ(215.5200, -16.5040,
-9.2720)

Have a look what the booklet for
YIQ(215.5200, -16.5040, -9.2720)
contains.

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Color

**YIQ(215.5200, -16.5040,
-9.2720)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E2DA
RGB	194, 226, 218
RGB Percent	76%, 89%, 85%
CMY	0.2393, 0.1137, 0.1452
CMYK	0.14, 0.00, 0.04, 0.11
HSL	165°, 36%, 82%
HSV	165°, 14%, 89%
XYZ	62.0957, 70.9278, 76.7369
YIQ	215.5200, -16.5040, -9.2720

Conversions

Conversions Part 2

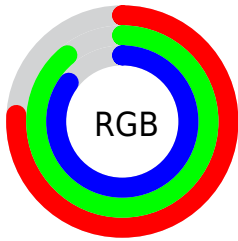
Format	Color
RYB	194, 212, 226
Decimal	12772058
CIELab	87.45, -12.05, 0.38
CIELCh	87, 12.056, 178.198
Yxy	70.9278, 0.2960, 0.3381
Android (android.graphics.Color)	4290962138 (0xFFC2E2DA)
YUV	215.5200, 1.2226, -18.8730
Hunter-Lab	84.2186, -15.7717, 4.9302

Details

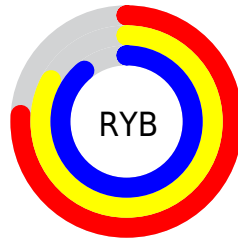
The YIQ color **215.5200, -16.5040, -9.2720** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **204.4800, 16.5040, 9.2720**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.8040, -2.3840, -0.8480**, and **160.8190, -15.9080, -9.0600** is the 20% darker color. If you saturate the color by 10%, you get **207.9590, -28.2860, -16.0140**, and if you desaturate by 10%, it is **223.0810, -4.7220, -2.5300**.

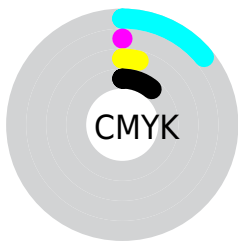
Distribution



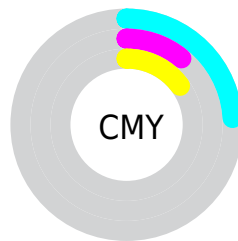
- Red (76%)
- Green (89%)
- Blue (85%)



- Red (76%)
- Yellow (83%)
- Blue (89%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.5200, -16.5040, -9.2720 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 215.5200, -16.5040, -9.2720 by changing the saturation by 10% instead.

■ 215.5200,
-16.5040, -9.2720

■ 215.5200,
-16.5040, -9.2720

■ 255.0000, -0.0000,
-0.0000

■ 187.8190,
-15.9080, -9.0600

■ 253.8040, -2.3840,
-0.8480

■ 160.8190,
-15.9080, -9.0600

■ 134.2320,
-15.6330, -8.5370

■ 108.6450,
-15.3580, -8.0140

■ 84.5310, -15.0370,
-8.3250

■ 61.2430, -14.1660,
-7.5900

■ 38.9440, -14.7620,

-7.8020

■ 18.3570, -14.4870,
-7.2790

■ 0.0000, 0.0000,
0.0000

■ 215.5200,
-16.5040, -9.2720

■ 215.5200,
-16.5040, -9.2720

■ 207.9590,
-28.2860, -16.0140

■ 223.0810, -4.7220,
-2.5300

■ 200.8110,
-39.7930, -22.2330

■ 230.2290, 6.7850,
3.6890

■ 193.2500,
-51.5750, -28.9750

■ 235.6970, 14.3950,
8.9470

■ 185.9880,
-62.7610, -35.5050

■ 236.3810, 12.4690,
10.8130

■ 178.5410,
-74.8640, -41.9360

■ 236.9510, 10.8640,
12.3680

■ 170.9800,
-86.6460, -48.6780

■ 237.6350, 8.9380,
14.2340

■ 163.7180,
-97.8320, -55.2080

■ 237.9770, 7.9750,
15.1670

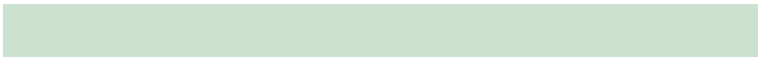
■ 156.2710,
-109.9350, -61.6390

■ 151.9280,
-116.3990, -65.6390

Harmonies

Analogous

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



216.6690, -6.7380, -10.0500



215.5200, -16.5040, -9.2720



215.8770, -21.8230, -6.4870

Triad

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



215.5200, -16.5040, -9.2720



220.1170, -4.4030, 8.2130



219.8790, 19.3940, 0.9460

Complementary

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



215.5200, -16.5040, -9.2720



204.4800, 16.5040, 9.2720

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.



221.2260, 20.0350, 5.8510



215.5200, -16.5040, -9.2720



221.3310, 6.7380, 10.0500

Square

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



215.5200, -16.5040, -9.2720



218.3220, -15.4060, 3.8740



221.8820, 15.3120, 8.8480



219.0800, 14.2140, -4.2980

Rectangle

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



215.5200, -16.5040, -9.2720



216.0990, -22.3280, -2.8400



221.8820, 15.3120, 8.8480



220.5310, 20.4940, 3.0380

Sweetspot

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



215.5200, -16.5040, -9.2720



251.6680, -4.9970, -3.0530



215.4750, -3.4360, -14.8280



125.6790, -3.5300, -2.1060



0.0000, 0.0000, 0.0000



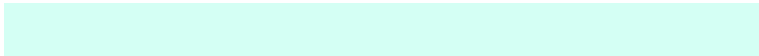
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



215.5200, -16.5040, -9.2720



240.8890, -22.0970, -12.5370



212.3230, -17.1470, -3.1230



108.3690, -5.5930, -3.2650



118.3600, -90.7720, -50.9960



32.2800, -24.7560, -13.9080

Inverse Universe

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



204.4800, 16.5040, 9.2720



226.1110, 22.0970, 12.5370



207.6770, 17.1470, 3.1230



104.6310, 5.5930, 3.2650



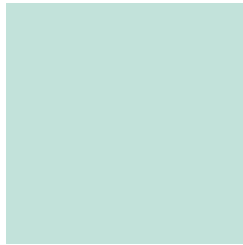
57.6400, 90.7720, 50.9960



15.7200, 24.7560, 13.9080

Previews

White Background



This preview shows how the YIQ color 215.5200, -16.5040, -9.2720 looks on a white background.

Color Contrast Check

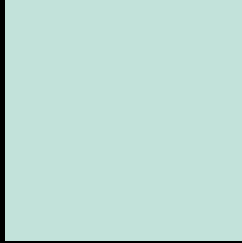
Large Text (above 18pt) WCAG AA × Fail

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 215.5200, -16.5040, -9.2720 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

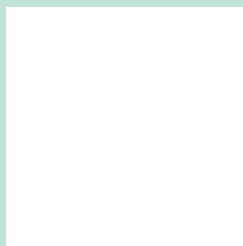
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.5200, -16.5040, -9.2720

Background



This preview shows how black text looks on a background with the YIQ color 215.5200, -16.5040, -9.2720.



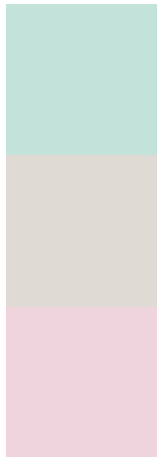
This preview shows how white text looks on a background with the YIQ color 215.5200, -16.5040, -9.2720.

-9.2720.

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

215.5200, -16.5040, -9.2720

Protanopia

219.2240, 5.1810, -0.2830

Deuteranopia

221.0990, 13.2030, 8.5230



Tritanopia

217.4630, -20.3570, -0.0130

Trichromacy



Original Color

215.5200, -16.5040, -9.2720

Protanomaly

217.9240, -2.8420, -3.5620

Deuteranomaly

219.1360, 2.6130, 2.2050

Tritanomaly

216.8390, -18.6600, -3.2360

Monochromacy



Original Color

215.5200, -16.5040, -9.2720

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.0700, -6.1890, -3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.5200, -16.5040, -9.2720 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(194, 226, 218)` looks like.

```
.text, #text, p{  
    color:rgb(194, 226, 218)  
}
```

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(194, 226, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 226, 218) }
```

Border

The CSS property to change the border of an element to YIQ 215.5200, -16.5040, -9.2720 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(194, 226, 218) }
```


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

```
.border{ border-color:rgb(194, 226, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 226, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 226, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 226, 218);  
box-shadow:4px 4px 4px 4px rgb(194, 226,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 215.5200, -16.5040, -9.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 226, 218) }
```

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

```
.background{ background-color: rgb(194,  
226, 218) }
```

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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