

Converting Colors

YIQ(216.4380, -19.2090,
-9.8090)

Have a look what the booklet for
YIQ(216.4380, -19.2090, -9.8090)
contains.

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Color

**YIQ(216.4380, -19.2090,
-9.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E4DD
RGB	192, 228, 221
RGB Percent	75%, 89%, 87%
CMY	0.2471, 0.1058, 0.1334
CMYK	0.16, 0.00, 0.03, 0.11
HSL	168°, 40%, 82%
HSV	168°, 16%, 89%
XYZ	62.5287, 71.9181, 78.9800
YIQ	216.4380, -19.2090, -9.8090

Conversions

Conversions Part 2

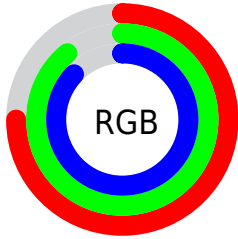
Format	Color
RYB	192, 212, 228
Decimal	12641501
CIELab	87.93, -13.11, -0.51
CIELCh	88, 13.120, 182.237
Yxy	71.9181, 0.2930, 0.3370
Android (android.graphics.Color)	4290831581 (0xFFC0E4DD)
YUV	216.4380, 2.2491, -21.4321
Hunter-Lab	84.8045, -16.7950, 4.1453

Details

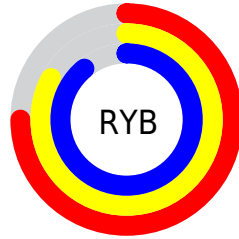
The YIQ color $216.4380, -19.2090, -9.8090$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $203.5620, 19.2090, 9.8090$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2060, -3.5760, -1.2720$, and $161.7370, -18.6130, -9.5970$ is the 20% darker color. If you saturate the color by 10%, you get $209.1050, -31.6330, -15.9290$, and if you desaturate by 10%, it is $223.7710, -6.7850, -3.6890$.

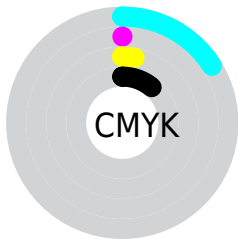
Distribution



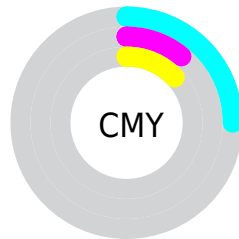
- Red (75%)
- Green (89%)
- Blue (87%)



- Red (75%)
- Yellow (83%)
- Blue (89%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.4380, -19.2090, -9.8090 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 216.4380, -19.2090, -9.8090 by changing the saturation by 10% instead.

■ 216.4380,
-19.2090, -9.8090

■ 216.4380,
-19.2090, -9.8090

■ 255.0000, -0.0000,
-0.0000

■ 188.7370,
-18.6130, -9.5970

■ 253.2060, -3.5760,
-1.2720

■ 161.7370,
-18.6130, -9.5970

■ 135.1500,
-18.3380, -9.0740

■ 109.4490,
-17.7420, -8.8620

■ 84.8620, -17.4670,
-8.3390

■ 61.7480, -17.1460,
-8.6500

■ 38.8620, -17.4670,

-8.3390

■ 19.1720, -15.4040,
-7.1800

■ 0.0000, 0.0000,
0.0000

■ 216.4380,
-19.2090, -9.8090

■ 216.4380,
-19.2090, -9.8090

■ 209.1050,
-31.6330, -15.9290

■ 223.7710, -6.7850,
-3.6890

■ 201.6580,
-43.7360, -22.3600

■ 231.2180, 5.3180,
2.7420

■ 194.6240,
-55.5640, -28.2680

■ 236.7570, 14.1660,
7.5900

■ 187.1770,
-67.6670, -34.6990

■ 237.3270, 12.5610,
9.1450

■ 179.8440,
-80.0910, -40.8190

■ 237.7830, 11.2770,
10.3890

■ 172.3970,
-92.1940, -47.2500

■ 238.3530, 9.6720,
11.9440

■ 165.0640,
-104.6180, -53.3700

■ 238.8090, 8.3880,
13.1880

■ 157.9160,
-116.1250, -59.5890

■ 239.1510, 7.4250,
14.1210

■ 154.8120,
-121.7640, -62.0200

Harmonies

Analogous

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



217.4730, -9.1220, -10.8980



216.4380, -19.2090, -9.8090



216.3220, -24.5740, -6.1900

Triad

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



216.4380, -19.2090, -9.8090



221.9430, -3.8530, 9.2590



221.5370, 20.3570, 0.0130

Complementary

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



216.4380, -19.2090, -9.8090



203.5620, 19.2090, 9.8090

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.



222.5960, 21.8690, 5.6530



216.4380, -19.2090, -9.8090



223.2280, 8.5260, 10.6860

Square

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



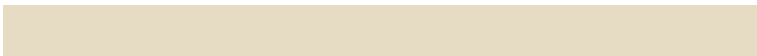
216.4380, -19.2090, -9.8090



220.1480, -14.8560, 4.9200



223.0780, 17.6960, 9.6960



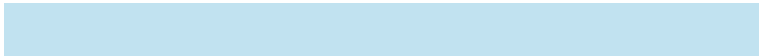
220.2540, 13.6640, -5.3440

Rectangle

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



216.4380, -19.2090, -9.8090



217.7290, -24.1620, -2.6420



223.0780, 17.6960, 9.6960



222.0750, 21.7780, 1.7940

Sweetspot

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



216.4380, -19.2090, -9.8090



250.8850, -7.1060, -3.3780



215.2250, -5.7280, -17.3440



125.3800, -4.1260, -2.3180



0.0000, 0.0000, 0.0000



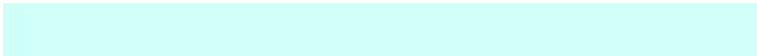
128.0000, -0.0000, -0.0000

Same Dimension

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



216.4380, -19.2090, -9.8090



239.6220, -25.7190, -12.9750



210.7790, -18.4310, -1.8790



111.1840, -6.5100, -3.1660



121.4890, -95.4490, -48.8330



34.6110, -27.1860, -13.9220

Inverse Universe

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



203.5620, 19.2090, 9.8090



222.3780, 25.7190, 12.9750



209.2210, 18.4310, 1.8790



106.9300, 6.1890, 3.4770



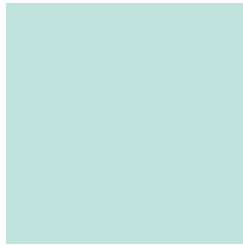
57.5110, 95.4490, 48.8330



16.3890, 27.1860, 13.9220

Previews

White Background



This preview shows how the YIQ color 216.4380, -19.2090, -9.8090 looks on a white background.

Color Contrast Check

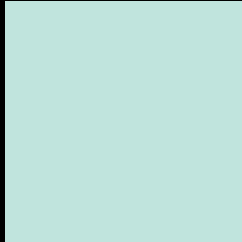
Large Text (above 18pt) WCAG AA × Fail

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 216.4380, -19.2090, -9.8090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

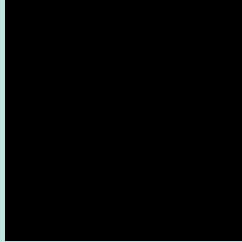
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

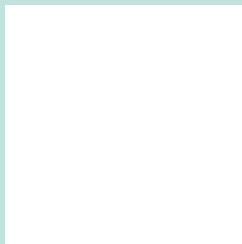
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.4380, -19.2090, -9.8090

Background



This preview shows how black text looks on a background with the YIQ color 216.4380, -19.2090, -9.8090.



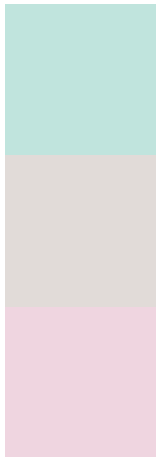
This preview shows how white text looks on a background with the YIQ color 216.4380, -19.2090, -9.8090.

-9.8090.

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

216.4380, -19.2090, -9.8090

Protanopia

220.4520, 4.5390, 0.3390

Deuteranopia

222.0280, 11.9650, 8.9330



Tritanopia

218.3810, -23.0620, -0.5500

Trichromacy



Original Color

216.4380, -19.2090, -9.8090

Protanomaly

218.8530, -4.0800, -3.1520

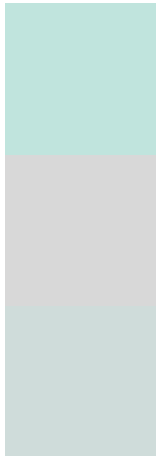
Deuteranomaly

219.7660, 0.7790, 2.4030

Tritanomaly

217.7570, -21.3650, -3.7730

Monochromacy



Original Color

216.4380, -19.2090, -9.8090

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.8850, -7.1060, -3.3780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.4380, -19.2090, -9.8090 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(192, 228, 221)` looks like.

```
.text, #text, p{  
    color:rgb(192, 228, 221)  
}
```

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(192, 228, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 228, 221) }
```

Border

The CSS property to change the border of an element to YIQ 216.4380, -19.2090, -9.8090 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(192, 228, 221) }
```


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

```
.border{ border-color:rgb(192, 228, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 228, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 228, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 228, 221);  
box-shadow:4px 4px 4px 4px rgb(192, 228,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 216.4380, -19.2090, -9.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 228, 221) }
```

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

```
.background{ background-color: rgb(192,  
228, 221) }
```

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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