

Converting Colors

YIQ(218.2810, 9.0340, -9.5420)

Have a look what the booklet for
YIQ(218.2810, 9.0340, -9.5420)
contains.

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Color

**YIQ(218.2810, 9.0340,
-9.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDEC0
RGB	221, 222, 192
RGB Percent	87%, 87%, 75%
CMY	0.1334, 0.1294, 0.2470
CMYK	0.00, 0.00, 0.14, 0.13
HSL	62°, 31%, 81%
HSV	62°, 14%, 87%
XYZ	65.4546, 71.4205, 60.2136
YIQ	218.2810, 9.0340, -9.5420

Conversions

Conversions Part 2

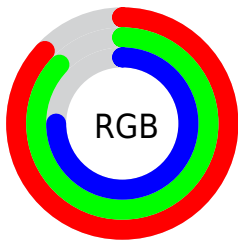
Format	Color
RYB	192, 222, 193
Decimal	14540480
CIELab	87.69, -5.39, 14.61
CIELCh	88, 15.575, 110.264
Yxy	71.4205, 0.3321, 0.3624
Android (android.graphics.Color)	4292730560 (0xFFDDDEC0)
YUV	218.2810, -12.9565, 2.3846
Hunter-Lab	84.5106, -9.6430, 16.9135

Details

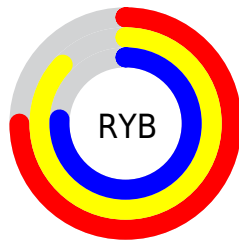
The YIQ color **218.2810, 9.0340, -9.5420** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **195.7190, -9.0340, 9.5420**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **254.2020, 2.2470, -2.1770**, and **163.3950, 8.7130, -9.2310** is the 20% darker color. If you saturate the color by 10%, you get **215.4740, 15.5000, -16.5960**, and if you desaturate by 10%, it is **221.0880, 2.5680, -2.4880**.

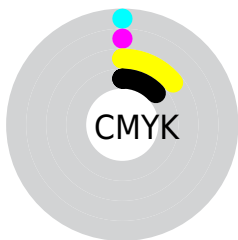
Distribution



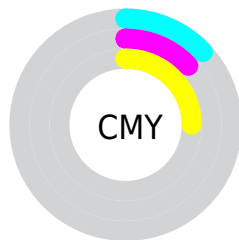
- Red (87%)
- Green (87%)
- Blue (75%)



- Red (75%)
- Yellow (87%)
- Blue (76%)



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.2810, 9.0340, -9.5420 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 218.2810, 9.0340, -9.5420 by changing the saturation by 10% instead.

■ 218.2810, 9.0340,
-9.5420

■ 218.2810, 9.0340,
-9.5420

255.0000, -0.0000,
-0.0000

■ 190.3950, 8.7130,
-9.2310

■ 254.2020, 2.2470,
-2.1770

■ 163.3950, 8.7130,
-9.2310

■ 137.2100, 7.7960,
-9.1320

■ 111.6230, 8.0710,
-8.6090

■ 87.4380, 7.1540,
-8.5100

■ 63.6660, 6.5120,
-7.8880

■ 41.7800, 6.1910,

-7.5770

■ 21.2640, 7.7040,
-7.4640

■ 0.0000, 0.0000,
0.0000

■ 218.2810, 9.0340,
-9.5420

■ 218.2810, 9.0340,
-9.5420

■ 215.4740, 15.5000,
-16.5960

■ 221.0880, 2.5680,
-2.4880

■ 212.6670, 21.9660,
-23.6500

■ 223.5960, -4.4940,
4.3540

■ 210.0450, 29.3490,
-30.8030

■ 226.0610, -9.9970,
10.4750

■ 207.2380, 35.8150,
-37.8570

■ 226.3600, -9.4010,
10.6870

■ 204.4310, 42.2810,
-44.9110

■ 226.6590, -8.8050,
10.8990

■ 201.9230, 49.3430,
-51.7530

■ 226.9580, -8.2090,
11.1110

■ 199.1160, 55.8090,
-58.8070

■ 227.2570, -7.6130,
11.3230

■ 196.1950, 62.5960,
-66.1720

■ 227.5560, -7.0170,
11.5350

■ 194.5990, 67.0900,
-70.5260

Harmonies

Analogous

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



220.0160, 20.2660, -3.8460



218.2810, 9.0340, -9.5420



216.5720, -5.0870, -12.4390

Triad

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



218.2810, 9.0340, -9.5420



215.5650, -29.5720, -3.7160



222.7730, 17.2370, 12.5090

Complementary

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



218.2810, 9.0340, -9.5420



195.7190, -9.0340, 9.5420

Split Complementary

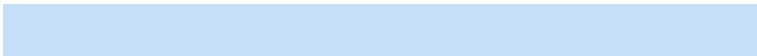
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.5420, 4.7660, 12.7500



218.2810, 9.0340, -9.5420



218.4890, -23.2460, 2.7860

Square

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



218.2810, 9.0340, -9.5420



214.9470, -28.0120, -9.9640



221.0070, -9.9050, 8.8070



222.5580, 25.0320, 8.9040

Rectangle

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



218.2810, 9.0340, -9.5420



215.6680, -14.1650, -13.1170



221.0070, -9.9050, 8.8070



223.0330, 13.5690, 12.9050

Sweetspot

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



218.2810, 9.0340, -9.5420



253.8600, 3.2100, -3.1100



201.5570, 17.6050, 5.8370



126.9030, 1.6510, -2.3890



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.



218.2810, 9.0340, -9.5420



250.0270, 12.5650, -12.9630



213.7960, 0.0940, -12.7220



110.7460, 3.5310, -3.4210



154.1420, 52.9200, -56.0080



42.2290, 14.8120, -15.1400

Inverse Universe

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



195.7190, -9.0340, 9.5420



219.2720, -11.9690, 13.1750



200.2040, -0.0940, 12.7220



102.2540, -3.5310, 3.4210



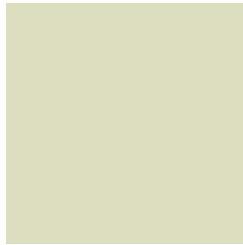
21.8580, -52.9200, 56.0080



6.0700, -14.2160, 15.3520

Previews

White Background



This preview shows how the YIQ color 218.2810, 9.0340, -9.5420 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 218.2810, 9.0340, -9.5420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

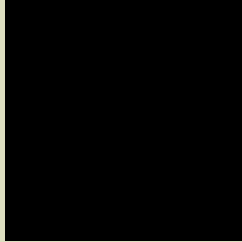
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

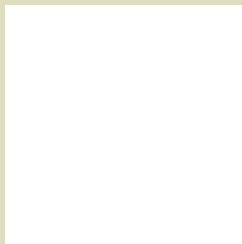
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 218.2810, 9.0340, -9.5420

Background



This preview shows how black text looks on a background with the YIQ color 218.2810, 9.0340, -9.5420.



This preview shows how white text looks on a background with the YIQ color 218.2810, 9.0340,

-9.5420.

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

218.2810, 9.0340, -9.5420

Protanopia

219.0970, 15.5440, -6.3760

Deuteranopia

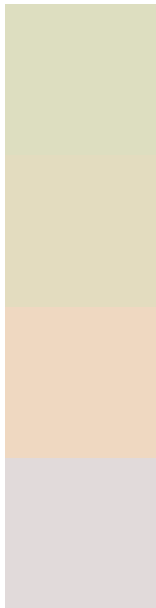
221.3100, 28.4260, 2.4580



Tritanopia

221.2270, 1.0990, 7.6190

Trichromacy



Original Color

218.2810, 9.0340, -9.5420

Protanomaly

218.7870, 13.4810, -7.5350

Deuteranomaly

220.2550, 21.0910, -2.2770

Tritanomaly

220.0930, 4.1720, 1.4840

Monochromacy



Original Color

218.2810, 9.0340, -9.5420

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.8600, 3.2100, -3.1100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.2810, 9.0340, -9.5420 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(221, 222, 192)` looks like.

```
.text, #text, p{  
    color:rgb(221, 222, 192)  
}
```

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(221, 222, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 222, 192) }
```

Border

The CSS property to change the border of an element to YIQ 218.2810, 9.0340, -9.5420 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(221, 222, 192) }
```


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

```
.border{ border-color:rgb(221, 222, 192) }
```

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

Here you see how a box with a 4 pixel rgb(221, 222, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 222, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 222, 192);  
box-shadow:4px 4px 4px 4px rgb(221, 222,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 218.2810, 9.0340, -9.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 222, 192) }
```

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

```
.background{ background-color: rgb(221,  
222, 192) }
```

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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