

Converting Colors

YIQ(218.5020, 1.1020, -8.9620)

Have a look what the booklet for
YIQ(218.5020, 1.1020, -8.9620)
contains.

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Color

**YIQ(218.5020, 1.1020,
-8.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E0CA
RGB	214, 224, 202
RGB Percent	84%, 88%, 79%
CMY	0.1608, 0.1215, 0.2078
CMYK	0.04, 0.00, 0.10, 0.12
HSL	87°, 26%, 84%
HSV	87°, 10%, 88%
XYZ	65.0469, 71.8728, 66.3250
YIQ	218.5020, 1.1020, -8.9620

Conversions

Conversions Part 2

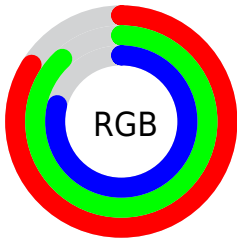
Format	Color
RYB	202, 224, 212
Decimal	14082250
CIELab	87.91, -7.25, 9.61
CIELCh	88, 12.042, 127.044
Yxy	71.8728, 0.3200, 0.3536
Android (android.graphics.Color)	4292272330 (0xFFD6E0CA)
YUV	218.5020, -8.1355, -3.9483
Hunter-Lab	84.7778, -11.4048, 12.9596

Details

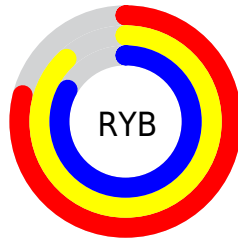
The YIQ color $218.5020, 1.1020, -8.9620$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $207.4980, -1.1020, 8.9620$, and the grayscale version is $219.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $163.6160, 0.7810, -8.6510$ is the 20% darker color. If you saturate the color by 10%, you get $213.0040, 2.2040, -17.9240$, and if you desaturate by 10%, it is $224.0000, -0.0000, 0.0000$.

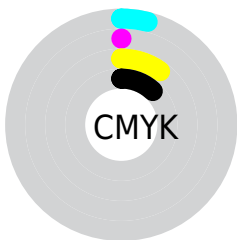
Distribution



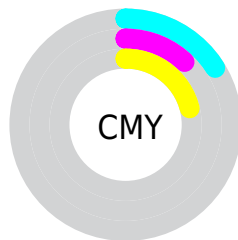
- Red (84%)
- Green (88%)
- Blue (79%)



- Red (79%)
- Yellow (88%)
- Blue (83%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (16%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.5020, 1.1020, -8.9620 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 218.5020, 1.1020, -8.9620 by changing the saturation by 10% instead.

■ 218.5020, 1.1020,
-8.9620

■ 218.5020, 1.1020,
-8.9620

255.0000, -0.0000,
-0.0000

■ 190.6160, 0.7810,
-8.6510

■ 163.6160, 0.7810,
-8.6510

■ 137.0290, 1.0560,
-8.1280

■ 112.0290, 1.0560,
-8.1280

■ 87.2570, 0.4140,
-7.5060

■ 64.2570, 0.4140,
-7.5060

■ 41.7840, 0.3680,

-6.6720

■ 21.5130, 2.5690,
-8.0150

■ 0.0000, 0.0000,
0.0000

■ 218.5020, 1.1020,
-8.9620

■ 218.5020, 1.1020,
-8.9620

■ 213.0040, 2.2040,
-17.9240

■ 224.0000, -0.0000,
0.0000

■ 207.3920, 3.6270,
-27.1970

■ 229.6120, -1.4230,
9.2730

■ 201.5950, 4.1330,
-36.3710

■ 233.8130, 2.5650,
14.0930

■ 195.9830, 5.5560,
-45.6440

■ 236.8030, 8.5250,
16.2130

■ 190.4850, 6.6580,
-54.6060

■ 184.9870, 7.7600,
-63.5680

■ 179.3750, 9.1830,
-72.8410

■ 173.5780, 9.6890,
-82.0150

■ 167.9660, 11.1120,
-91.2880

Harmonies

Analogous

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



219.5850, 11.2340, -5.3580



218.5020, 1.1020, -8.9620



217.1140, -9.4890, -9.7530

Triad

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



218.5020, 1.1020, -8.9620



218.4630, -20.3570, -0.0130



223.1380, 17.4670, 8.3390

Complementary

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



218.5020, 1.1020, -8.9620



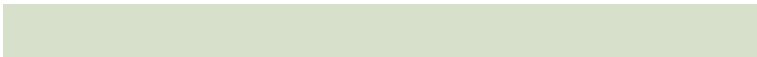
207.4980, -1.1020, 8.9620

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.



223.0000, 9.1680, 10.0640



218.5020, 1.1020, -8.9620



220.2300, -12.1510, 5.4570

Square

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



218.5020, 1.1020, -8.9620



217.3330, -23.1070, -5.2430



222.1990, -1.6980, 8.7500



222.4710, 20.7230, 4.3950

Rectangle

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



218.5020, 1.1020, -8.9620



216.8190, -15.9080, -9.0600



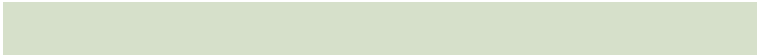
222.1990, -1.6980, 8.7500



222.9960, 14.9910, 9.1590

Sweetspot

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



218.5020, 1.1020, -8.9620



253.1910, 0.7800, -3.1240



214.4480, 10.3620, -0.5660



126.4190, 0.1380, -2.5020



0.0000, 0.0000, 0.0000



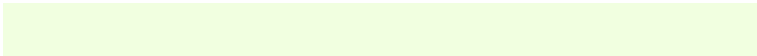
128.0000, -0.0000, -0.0000

Same Dimension

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



218.5020, 1.1020, -8.9620



247.2800, 1.6070, -12.6090



215.2130, -5.4540, -11.2940



109.2510, 0.5510, -4.4810



132.0160, 8.8160, -71.6960



35.9500, 2.2960, -19.5920

Inverse Universe

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



207.4980, -1.1020, 8.9620



231.7200, -1.6070, 12.6090



210.7870, 5.4540, 11.2940



103.7490, -0.5510, 4.4810



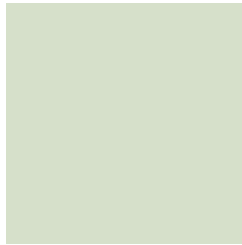
43.9840, -8.8160, 71.6960



12.0500, -2.2960, 19.5920

Previews

White Background



This preview shows how the YIQ color 218.5020, 1.1020, -8.9620 looks on a white background.

Color Contrast Check

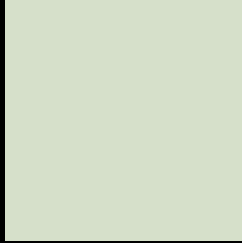
Large Text (above 18pt) WCAG AA × Fail

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 218.5020, 1.1020, -8.9620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

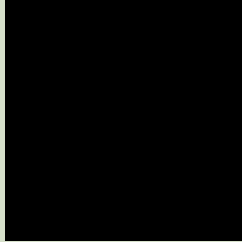
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

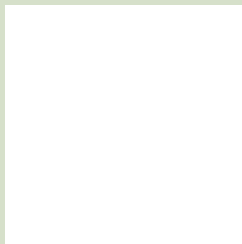
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 218.5020, 1.1020, -8.9620

Background



This preview shows how black text looks on a background with the YIQ color 218.5020, 1.1020, -8.9620.



This preview shows how white text looks on a background with the YIQ color 218.5020, 1.1020, -8.9620.

-8.9620.

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

218.5020, 1.1020, -8.9620

Protanopia

220.4110, 11.7840, -4.3120

Deuteranopia

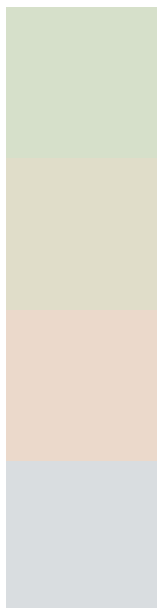
222.1400, 23.1530, 4.4090



Tritanopia

220.9380, -5.4570, 5.2870

Trichromacy



Original Color

218.5020, 1.1020, -8.9620

Protanomaly

219.6170, 8.2080, -5.5840

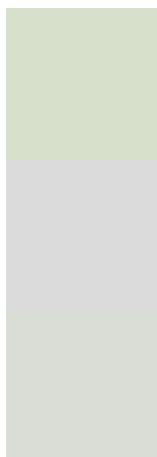
Deuteranomaly

220.7860, 15.2220, -0.5380

Tritanomaly

220.1460, -3.3470, 0.0850

Monochromacy



Original Color

218.5020, 1.1020, -8.9620

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

218.8920, 0.1840, -3.3360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.5020, 1.1020, -8.9620 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(214, 224, 202)` looks like.

```
.text, #text, p{  
    color:rgb(214, 224, 202)  
}
```

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(214, 224, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 224, 202) }
```

Border

The CSS property to change the border of an element to YIQ 218.5020, 1.1020, -8.9620 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(214, 224, 202) }
```


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

```
.border{ border-color:rgb(214, 224, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 224, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 224, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 224, 202);  
box-shadow:4px 4px 4px 4px rgb(214, 224,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 218.5020, 1.1020, -8.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 224, 202) }
```

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

```
.background{ background-color: rgb(214,  
224, 202) }
```

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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