

Converting Colors

YIQ(214.2670, -5.5460, -9.6260)

Have a look what the booklet for
YIQ(214.2670, -5.5460, -9.6260)
contains.

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Color

**YIQ(214.2670, -5.5460,
-9.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	CBDECC
RGB	203, 222, 204
RGB Percent	80%, 87%, 80%
CMY	0.2040, 0.1294, 0.2000
CMYK	0.09, 0.00, 0.08, 0.13
HSL	123°, 22%, 83%
HSV	123°, 9%, 87%
XYZ	61.6469, 69.3008, 67.2527
YIQ	214.2670, -5.5460, -9.6260

Conversions

Conversions Part 2

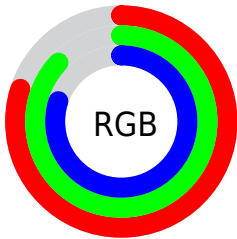
Format	Color
R _Y B	203, 221, 222
Decimal	13360844
CIE Lab	86.65, -9.66, 6.66
CIE LCh	87, 11.736, 145.413
Yxy	69.3008, 0.3110, 0.3497
Android (android.graphics.Color)	4291550924 (0xFFCBDECC)
YUV	214.2670, -5.0616, -9.8812
Hunter-Lab	83.2471, -13.4980, 10.3745

Details

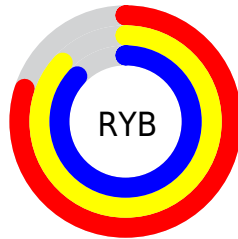
The YIQ color $214.2670, -5.5460, -9.6260$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $210.7330, 5.5460, 9.6260$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $159.6800, -5.2710, -9.1030$ is the 20% darker color. If you saturate the color by 10%, you get $205.2950, -11.9170, -20.8210$, and if you desaturate by 10%, it is $223.2390, 0.8250, 1.5690$.

Distribution



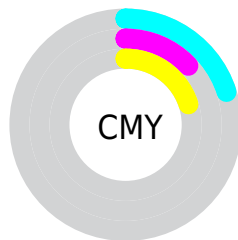
- Red (80%)
- Green (87%)
- Blue (80%)



- Red (80%)
- Yellow (87%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.2670, -5.5460, -9.6260 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 214.2670, -5.5460, -9.6260 by changing the saturation by 10% instead.

■ 214.2670, -5.5460,
-9.6260

■ 214.2670, -5.5460,
-9.6260

255.0000, -0.0000,
-0.0000

■ 186.6800, -5.2710,
-9.1030

■ 159.6800, -5.2710,
-9.1030

■ 133.6800, -5.2710,
-9.1030

■ 108.0930, -4.9960,
-8.5800

■ 83.5060, -4.7210,
-8.0570

■ 60.6200, -5.0420,
-7.7460

■ 38.9190, -4.4460,

-7.5340

■ 17.6800, -5.2710,
-9.1030

■ 0.0000, 0.0000,
0.0000

■ 214.2670, -5.5460,
-9.6260

■ 214.2670, -5.5460,
-9.6260

■ 205.2950,
-11.9170, -20.8210

■ 223.2390, 0.8250,
1.5690

■ 196.3230,
-18.2880, -32.0160

■ 232.2110, 7.1960,
12.7640

■ 187.0520,
-25.2550, -43.4230

■ 235.6290, 9.0750,
17.2590

■ 178.0800,
-31.6260, -54.6180

■ 169.1080,
-37.9970, -65.8130

■ 160.1360,
-44.3680, -77.0080

■ 151.1640,
-50.7390, -88.2030

■ 141.8930,
-57.7060, -99.6100

■ 132.9210,
-64.0770, -110.8050

Harmonies

Analogous

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



215.5950, 5.2740, -7.4780



214.2670, -5.5460, -9.6260



213.7050, -15.5870, -9.3710

Triad

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



214.2670, -5.5460, -9.6260



215.9090, -15.6810, 3.3510



219.0410, 19.1180, 5.9500

Complementary

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



214.2670, -5.5460, -9.6260



210.7330, 5.5460, 9.6260

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.



219.6970, 14.3950, 8.9470



214.2670, -5.5460, -9.6260



218.1060, -5.8700, 7.2660

Square

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



214.2670, -5.5460, -9.6260



214.8110, -21.4570, -2.1050



218.8470, 5.2250, 9.9370



217.9930, 19.0730, 1.2570

Rectangle

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



214.2670, -5.5460, -9.6260



213.6060, -19.6220, -7.8300



218.8470, 5.2250, 9.9370



219.3830, 18.1550, 6.8830

Sweetspot

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



214.2670, -5.5460, -9.6260



251.8100, -2.5210, -3.8730



219.5350, 5.5030, -6.1210



125.6360, -1.9710, -2.8270



0.0000, 0.0000, 0.0000



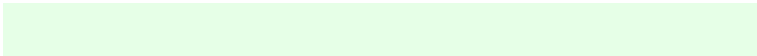
128.0000, -0.0000, -0.0000

Same Dimension

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



214.2670, -5.5460, -9.6260



244.7890, -7.1960, -12.7640



215.2930, -8.4350, -6.8270



107.5710, -3.3460, -5.4420



104.3380, -51.2890, -89.2490



28.5180, -14.1630, -24.1710

Inverse Universe

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



210.7330, 5.5460, 9.6260



240.2110, 7.1960, 12.7640



209.7070, 8.4350, 6.8270



105.5430, 3.0250, 5.7530



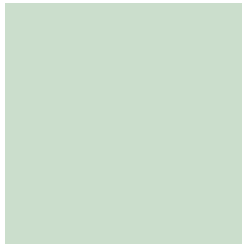
71.6620, 51.2890, 89.2490



19.5960, 13.8420, 24.4820

Previews

White Background



This preview shows how the YIQ color 214.2670, -5.5460, -9.6260 looks on a white background.

Color Contrast Check

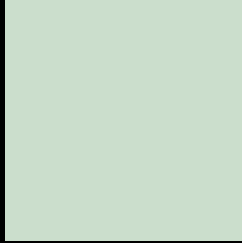
Large Text (above 18pt) WCAG AA × Fail

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 214.2670, -5.5460, -9.6260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

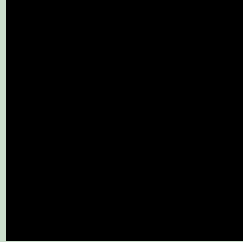
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

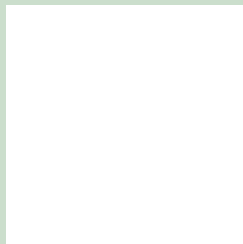
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 214.2670, -5.5460, -9.6260

Background



This preview shows how black text looks on a background with the YIQ color 214.2670, -5.5460, -9.6260.



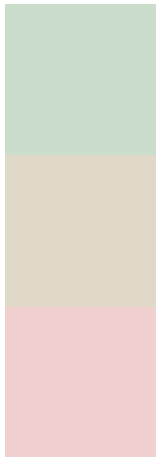
This preview shows how white text looks on a background with the YIQ color 214.2670, -5.5460, -9.6260.

-9.6260.

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

214.2670, -5.5460, -9.6260

Protanopia

216.6820, 9.5830, -2.9690

Deuteranopia

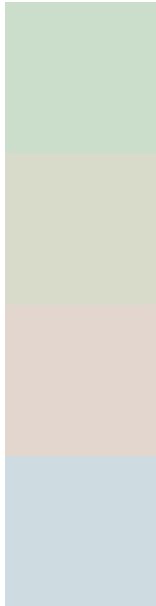
218.3400, 19.7140, 6.1620



Tritanopia

216.3610, -11.1420, 3.6900

Trichromacy



Original Color

214.2670, -5.5460, -9.6260

Protanomaly

215.5780, 3.9440, -5.4000

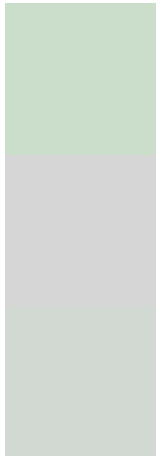
Deuteranomaly

216.9750, 10.3160, 0.2680

Tritanomaly

215.6830, -9.3530, -1.2010

Monochromacy



Original Color

214.2670, -5.5460, -9.6260

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.1090, -1.9250, -3.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.2670, -5.5460, -9.6260 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(203, 222, 204)` looks like.

```
.text, #text, p{  
    color:rgb(203, 222, 204)  
}
```

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(203, 222, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 222, 204) }
```

Border

The CSS property to change the border of an element to YIQ 214.2670, -5.5460, -9.6260 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(203, 222, 204) }
```


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

```
.border{ border-color:rgb(203, 222, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 222, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 222, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 222, 204);  
box-shadow:4px 4px 4px 4px rgb(203, 222,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 214.2670, -5.5460, -9.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 222, 204) }
```

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

```
.background{ background-color: rgb(203,  
222, 204) }
```

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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