

Converting Colors

YIQ(213.5320, 9.5850, -14.0230)

Have a look what the booklet for
YIQ(213.5320, 9.5850, -14.0230)
contains.

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Color

**YIQ(213.5320, 9.5850,
-14.0230)**

Conversions

Conversions Part 1

Format	Color
Hex	D6DCB3
RGB	214, 220, 179
RGB Percent	84%, 86%, 70%
CMY	0.1608, 0.1372, 0.2980
CMYK	0.03, 0.00, 0.19, 0.14
HSL	69°, 37%, 78%
HSV	69°, 19%, 86%
XYZ	61.4609, 68.7377, 52.6856
YIQ	213.5320, 9.5850, -14.0230

Conversions

Conversions Part 2

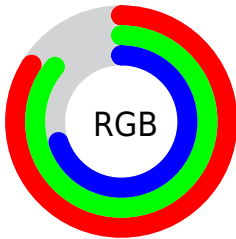
Format	Color
RYB	179, 220, 185
Decimal	14081203
CIELab	86.37, -8.90, 19.49
CIELCh	86, 21.426, 114.531
Yxy	68.7377, 0.3361, 0.3759
Android (android.graphics.Color)	4292271283 (0xFFD6DCB3)
YUV	213.5320, -17.0243, 0.4104
Hunter-Lab	82.9082, -12.7650, 20.3587

Details

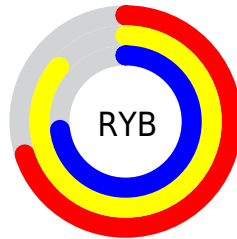
The YIQ color $213.5320, 9.5850, -14.0230$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $185.4680, -9.5850, 14.0230$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.7200, 6.4200, -6.2200$, and $158.7600, 8.9430, -13.4010$ is the 20% darker color. If you saturate the color by 10%, you get $210.1270, 14.8590, -21.5010$, and if you desaturate by 10%, it is $216.9370, 4.3110, -6.5450$.

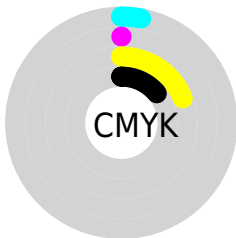
Distribution



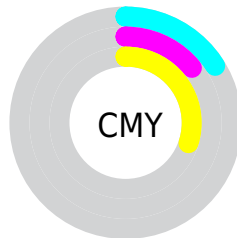
- Red (84%)
- Green (86%)
- Blue (70%)



- Red (70%)
- Yellow (86%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.5320, 9.5850, -14.0230 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 213.5320, 9.5850, -14.0230 by changing the saturation by 10% instead.

■ 213.5320, 9.5850,
-14.0230

■ 213.5320, 9.5850,
-14.0230

255.0000, -0.0000,
-0.0000

■ 185.6460, 9.2640,
-13.7120

■ 252.7200, 6.4200,
-6.2200

■ 158.7600, 8.9430,
-13.4010

■ 132.8740, 8.6220,
-13.0900

■ 107.1020, 7.9800,
-12.4680

■ 83.2160, 7.6590,
-12.1570

■ 59.4440, 7.0170,
-11.5350

■ 37.4440, 7.0170,

-11.5350

■ 17.3880, 1.4230,
-9.2730

■ 0.0000, 0.0000,
0.0000

■ 213.5320, 9.5850,
-14.0230

■ 213.5320, 9.5850,
-14.0230

■ 210.1270, 14.8590,
-21.5010

■ 216.9370, 4.3110,
-6.5450

■ 206.7220, 20.1330,
-28.9790

■ 220.3420, -0.9630,
0.9330

■ 203.0180, 24.8110,
-36.6690

■ 224.0460, -5.6410,
8.6230

■ 199.6130, 30.0850,
-44.1470

■ 226.0830, -7.0630,
12.3690

■ 196.2080, 35.3590,
-51.6250

■ 226.9800, -5.2750,
13.0050

■ 192.8030, 40.6330,
-59.1030

■ 227.8770, -3.4870,
13.6410

■ 189.0990, 45.3110,
-66.7930

■ 229.0730, -1.1030,
14.4890

■ 185.6940, 50.5850,
-74.2710

■ 229.9700, 0.6850,
15.1250

■ 185.3520, 51.5480,
-75.2040

■ 230.8670, 2.4730,
15.7610

Harmonies

Analogous

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



215.6590, 25.5850, -6.6310



213.5320, 9.5850, -14.0230



211.0720, -9.6710, -17.4710

Triad

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



213.5320, 9.5850, -14.0230



210.5790, -41.3550, -4.9310



220.0130, 25.4890, 17.1450

Complementary

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



213.5320, 9.5850, -14.0230



185.4680, -9.5850, 14.0230

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.



219.7430, 8.7540, 17.5700



213.5320, 9.5850, -14.0230



213.8350, -30.0320, 4.6240

Square

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



213.5320, 9.5850, -14.0230



208.7220, -40.6200, -12.7480



217.5710, -11.3730, 13.3870



218.2060, 31.9550, 10.0910

Rectangle

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



213.5320, 9.5850, -14.0230



209.5420, -22.7380, -17.4420



217.5710, -11.3730, 13.3870



220.0880, 20.9040, 17.6400

Sweetspot

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



213.5320, 9.5850, -14.0230



252.6920, 3.6230, -5.0890



194.1940, 23.0610, 6.0770



126.3760, 1.6970, -3.2230



0.0000, 0.0000, 0.0000



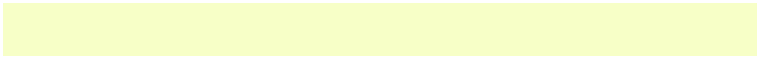
128.0000, -0.0000, -0.0000

Same Dimension

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



213.5320, 9.5850, -14.0230



246.2240, 13.2080, -19.1120



207.5520, -2.3350, -18.2630



108.1480, 2.3390, -3.8450



145.8030, 40.6330, -59.1030



38.6630, 10.5940, -15.7900

Inverse Universe

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



185.4680, -9.5850, 14.0230



207.7760, -13.2080, 19.1120



191.4480, 2.3350, 18.2630



100.5530, -2.9350, 3.6330



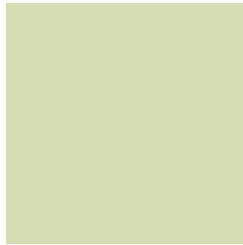
27.1970, -40.6330, 59.1030



7.3370, -10.5940, 15.7900

Previews

White Background



This preview shows how the YIQ color 213.5320, 9.5850, -14.0230 looks on a white background.

Color Contrast Check

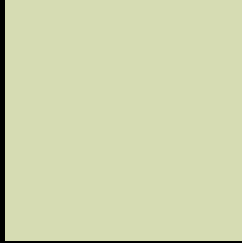
Large Text (above 18pt) WCAG AA × Fail

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 213.5320, 9.5850, -14.0230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

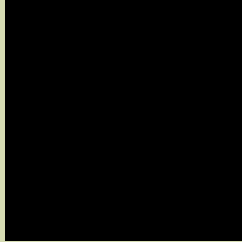
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

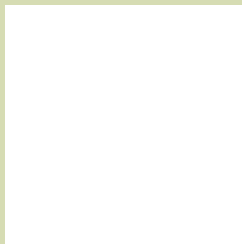
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 213.5320, 9.5850, -14.0230

Background



This preview shows how black text looks on a background with the YIQ color 213.5320, 9.5850, -14.0230.



This preview shows how white text looks on a background with the YIQ color 213.5320, 9.5850,

-14.0230.

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

213.5320, 9.5850, -14.0230

Protanopia

215.4410, 20.2670, -9.3730

Deuteranopia

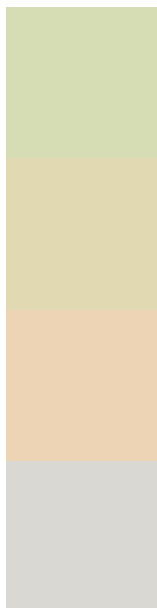
217.2950, 32.7820, 0.6060



Tritanopia

217.3300, -0.6890, 6.9830

Trichromacy



Original Color

213.5320, 9.5850, -14.0230

Protanomaly

214.6470, 16.6910, -10.6450

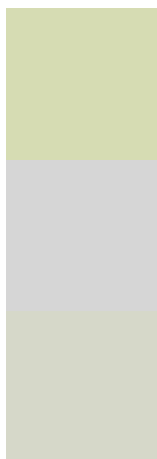
Deuteranomaly

215.6420, 24.2550, -4.5530

Tritanomaly

216.0280, 2.7970, -1.1310

Monochromacy



Original Color

213.5320, 9.5850, -14.0230

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.6920, 3.6230, -5.0890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.5320, 9.5850, -14.0230 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, 220, 179)` looks like.

```
.text, #text, p{  
    color:rgb(214, 220, 179)  
}
```

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, 220, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 220, 179) }
```

Border

The CSS property to change the border of an element to YIQ 213.5320, 9.5850, -14.0230 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, 220, 179) }
```


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

```
.border{ border-color:rgb(214, 220, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 220, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 220, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 220, 179);  
box-shadow:4px 4px 4px 4px rgb(214, 220,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 213.5320, 9.5850, -14.0230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 220, 179) }
```

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

```
.background{ background-color: rgb(214,  
220, 179) }
```

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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