

Converting Colors

YIQ(213.6000, 14.9050,
-22.3350)

Have a look what the booklet for
YIQ(213.6000, 14.9050, -22.3350)
contains.

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Color

**YIQ(213.6000, 14.9050,
-22.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E09F
RGB	214, 224, 159
RGB Percent	84%, 88%, 62%
CMY	0.1608, 0.1215, 0.3764
CMYK	0.04, 0.00, 0.29, 0.12
HSL	69°, 51%, 75%
HSV	69°, 29%, 88%
XYZ	60.6439, 70.1113, 43.1502
YIQ	213.6000, 14.9050, -22.3350

Conversions

Conversions Part 2

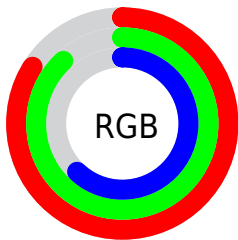
Format	Color
RYB	159, 224, 169
Decimal	14082207
CIELab	87.05, -13.74, 30.77
CIELCh	87, 33.698, 114.063
Yxy	70.1113, 0.3487, 0.4032
Android (android.graphics.Color)	4292272287 (0xFFD6E09F)
YUV	213.6000, -26.9178, 0.3508
Hunter-Lab	83.7325, -17.2518, 28.0586

Details

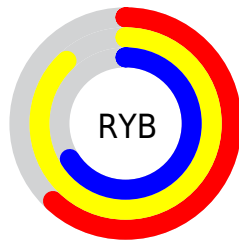
The YIQ color $213.6000, 14.9050, -22.3350$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $169.4000, -14.9050, 22.3350$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3260, 13.1610, -12.7510$, and $158.9420, 13.9420, -21.4020$ is the 20% darker color. If you saturate the color by 10%, you get $210.1950, 20.1790, -29.8130$, and if you desaturate by 10%, it is $217.0050, 9.6310, -14.8570$.

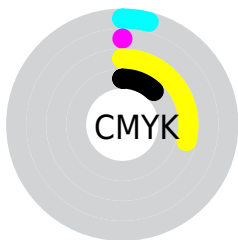
Distribution



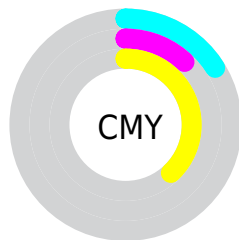
- Red (84%)
- Green (88%)
- Blue (62%)



- Red (62%)
- Yellow (88%)
- Blue (66%)



- Cyan (4%)
- Magenta (0%)
- Yellow (29%)
- Black (12%)



- Cyan (16%)
- Magenta (12%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.6000, 14.9050, -22.3350 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 213.6000, 14.9050, -22.3350 by changing the saturation by 10% instead.

■ 213.6000, 14.9050,
-22.3350

■ 213.6000, 14.9050,
-22.3350

255.0000, -0.0000,
-0.0000

■ 185.8280, 14.2630,
-21.7130

■ 250.3260, 13.1610,
-12.7510

■ 158.9420, 13.9420,
-21.4020

■ 253.6320, 3.8520,
-3.7320

■ 132.1700, 13.3000,
-20.7800

■ 106.9850, 12.3830,
-20.6810

■ 82.2130, 11.7410,
-20.0590

■ 58.9140, 11.1450,
-20.2710

■ 37.4670, 8.2100,

-16.6380

■ 17.0450, -5.0410,
-13.2730

■ 0.0000, 0.0000,
0.0000

■ 213.6000, 14.9050,
-22.3350

■ 213.6000, 14.9050,
-22.3350

■ 210.1950, 20.1790,
-29.8130

■ 217.0050, 9.6310,
-14.8570

■ 206.3770, 25.1780,
-37.8140

■ 220.8230, 4.6320,
-6.8560

■ 202.9720, 30.4520,
-45.2920

■ 224.2280, -0.6420,
0.6220

■ 199.1540, 35.4510,
-53.2930

■ 228.0460, -5.6410,
8.6230

■ 195.7490, 40.7250,
-60.7710

■ 229.6270, -5.7790,
11.1250

■ 192.0450, 45.4030,
-68.4610

■ 230.8230, -3.3950,
11.9730

■ 188.5260, 50.9980,
-76.2500

■ 231.7200, -1.6070,
12.6090

■ 187.9990, 51.0440,
-77.0840

■ 232.9160, 0.7770,
13.4570

■ 233.8130, 2.5650,
14.0930

Harmonies

Analogous

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



217.1410, 38.6070, -11.3530



213.6000, 14.9050, -22.3350



209.6270, -16.0880, -27.8320

Triad

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



213.6000, 14.9050, -22.3350



203.5370, -67.9000, -13.9480



216.4740, 25.8090, 22.3610

Complementary

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



213.6000, 14.9050, -22.3350



169.4000, -14.9050, 22.3350

Split Complementary

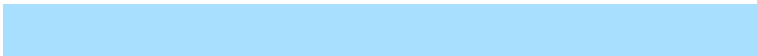
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.7040, 13.6580, 27.8180



213.6000, 14.9050, -22.3350



210.2030, -43.0520, -1.7080

Square

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



213.6000, 14.9050, -22.3350



201.5270, -71.1080, -21.8920



217.5000, -12.6110, 13.7970



213.2990, 36.1270, 11.5750

Rectangle

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



213.6000, 14.9050, -22.3350



206.3780, -37.3160, -28.5800



217.5000, -12.6110, 13.7970



218.2010, 22.3240, 24.9480

Sweetspot

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



213.6000, 14.9050, -22.3350



251.1820, 4.9990, -8.0010



184.3050, 35.9900, 8.5500



125.3930, 3.0270, -5.3010



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.



213.6000, 14.9050, -22.3350



240.6680, 20.2250, -30.6470



204.0320, -4.1670, -29.1190



110.1480, 2.3390, -3.8450



147.8630, 40.4040, -60.4600



40.4350, 11.2360, -16.4120

Inverse Universe

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



169.4000, -14.9050, 22.3350



180.3320, -20.2250, 30.6470



178.9680, 4.1670, 29.1190



102.8520, -2.3390, 3.8450



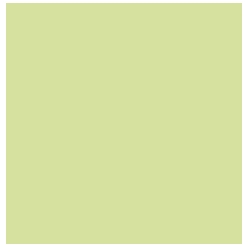
28.1370, -40.4040, 60.4600



7.5650, -11.2360, 16.4120

Previews

White Background



This preview shows how the YIQ color 213.6000, 14.9050, -22.3350 looks on a white background.

Color Contrast Check

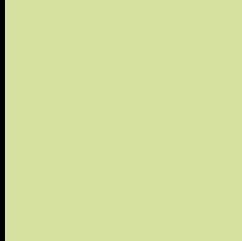
Large Text (above 18pt) WCAG AA × Fail

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 213.6000, 14.9050, -22.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

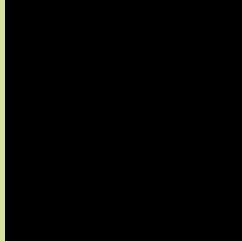
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

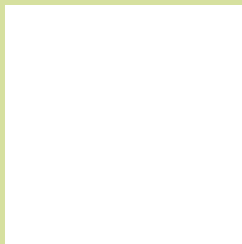
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 213.6000, 14.9050, -22.3350

Background



This preview shows how black text looks on a background with the YIQ color 213.6000, 14.9050, -22.3350.



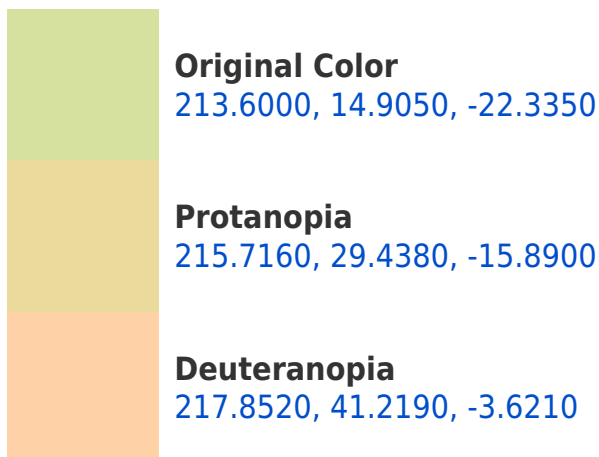
This preview shows how white text looks on a background with the YIQ color 213.6000, 14.9050, -22.3350.

-22.3350.

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

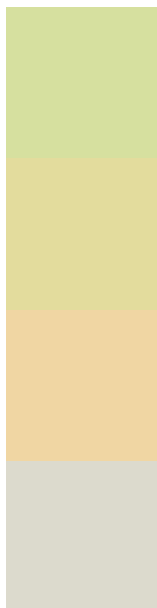




Tritanopia

219.3300, -0.6890, 6.9830

Trichromacy



Original Color

213.6000, 14.9050, -22.3350

Protanomaly

214.9110, 24.3950, -18.1090

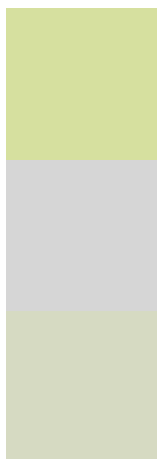
Deuteranomaly

215.9600, 31.8670, -10.3490

Tritanomaly

217.1160, 5.3650, -3.6190

Monochromacy



Original Color

213.6000, 14.9050, -22.3350

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.0680, 5.3200, -8.3120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.6000, 14.9050, -22.3350 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(214, 224, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 224, 159) }
```

Border

The CSS property to change the border of an element to YIQ 213.6000, 14.9050, -22.3350 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, 159) }
```


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

```
.border{ border-color:rgb(214, 224, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 224, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 224, 159);  
box-shadow:4px 4px 4px 4px rgb(214, 224,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 213.6000, 14.9050, -22.3350 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, 159) }
```

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

```
.background{ background-color: rgb(214,  
224, 159) }
```

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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