

Converting Colors

YIQ(214.6010, 13.1640,
-29.3320)

Have a look what the booklet for
YIQ(214.6010, 13.1640, -29.3320)
contains.

YIQ(214.6010, 13.1640, -29.3320)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(214.6010, 13.1640,
-29.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E696
RGB	209, 230, 150
RGB Percent	82%, 90%, 59%
CMY	0.1805, 0.0980, 0.4116
CMYK	0.09, 0.00, 0.35, 0.10
HSL	76°, 62%, 75%
HSV	76°, 35%, 90%
XYZ	60.0939, 72.3530, 39.6647
YIQ	214.6010, 13.1640, -29.3320

Conversions

Conversions Part 2

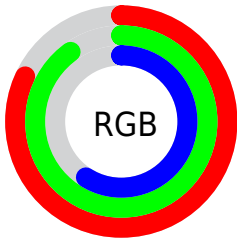
Format	Color
RYB	150, 230, 171
Decimal	13756054
CIELab	88.14, -19.73, 36.71
CIELCh	88, 41.676, 118.256
Yxy	72.3530, 0.3492, 0.4204
Android (android.graphics.Color)	4291946134 (0xFFD1E696)
YUV	214.6010, -31.8483, -4.9121
Hunter-Lab	85.0605, -22.7486, 31.8948

Details

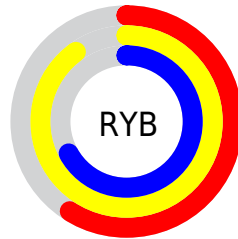
The YIQ color **214.6010, 13.1640, -29.3320** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **165.3990, -13.1640, 29.3320**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **249.3000, 16.0500, -15.5500**, and **159.3560, 12.4760, -27.8760** is the 20% darker color. If you saturate the color by 10%, you get **210.1850, 16.9710, -37.7570**, and if you desaturate by 10%, it is **219.0170, 9.3570, -20.9070**.

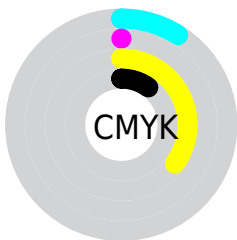
Distribution



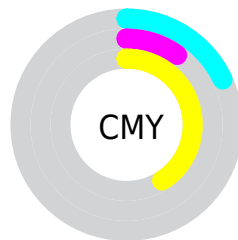
- Red (82%)
- Green (90%)
- Blue (59%)



- Red (59%)
- Yellow (90%)
- Blue (67%)



- Cyan (9%)
- Magenta (0%)
- Yellow (35%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.6010, 13.1640, -29.3320 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 214.6010, 13.1640, -29.3320 by changing the saturation by 10% instead.

■ 214.6010, 13.1640,
-29.3320

■ 214.6010, 13.1640,
-29.3320

255.0000, -0.0000,
-0.0000

■ 186.8290, 12.5220,
-28.7100

■ 249.3000, 16.0500,
-15.5500

■ 159.3560, 12.4760,
-27.8760

■ 252.4920, 7.0620,
-6.8420

■ 133.1710, 11.5590,
-27.7770

■ 107.3990, 10.9170,
-27.1550

■ 82.5130, 10.5960,
-26.8440

■ 58.1000, 10.3210,
-27.3670

■ 38.3090, 2.6630,

-20.7370

■ 17.6100, -8.2500,
-15.6900

■ 0.0000, 0.0000,
0.0000

■ 214.6010, 13.1640,
-29.3320

■ 214.6010, 13.1640,
-29.3320

■ 210.1850, 16.9710,
-37.7570

■ 219.0170, 9.3570,
-20.9070

■ 205.7690, 20.7780,
-46.1820

■ 223.4330, 5.5500,
-12.4820

■ 201.3530, 24.5850,
-54.6070

■ 227.8490, 1.7430,
-4.0570

■ 196.9370, 28.3920,
-63.0320

■ 232.2650, -2.0640,
4.3680

■ 192.5210, 32.1990,
-71.4570

■ 235.5410, -2.6610,
9.6830

■ 188.1050, 36.0060,
-79.8820

■ 237.3350, 0.9150,
10.9550

■ 185.8400, 38.0700,
-84.2500

■ 239.1290, 4.4910,
12.2270

■ 240.3250, 6.8750,
13.0750

Harmonies

Analogous

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



218.7900, 43.7890, -17.1630



214.6010, 13.1640, -29.3320



208.4360, -26.0360, -34.7720

Triad

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



214.6010, 13.1640, -29.3320



197.8010, -86.5590, -22.7110



214.0120, 27.2300, 24.1420

Complementary

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



214.6010, 13.1640, -29.3320



165.3990, -13.1640, 29.3320

Split Complementary

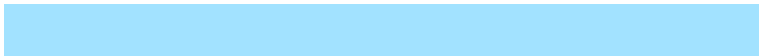
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.5410, 15.6750, 29.8110



214.6010, 13.1640, -29.3320



210.1700, -47.4530, -4.5490

Square

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



214.6010, 13.1640, -29.3320



194.4460, -101.9170, -30.7250



220.1910, -7.2470, 15.7050



211.3270, 38.9240, 10.4440

Rectangle

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



214.6010, 13.1640, -29.3320



204.1800, -54.5540, -35.5620



220.1910, -7.2470, 15.7050



216.0810, 22.7820, 27.6620

Sweetspot

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



214.6010, 13.1640, -29.3320



250.0570, 3.8530, -9.2590



185.6600, 42.1800, 6.5000



124.6810, 2.1560, -6.0360



0.0000, 0.0000, 0.0000



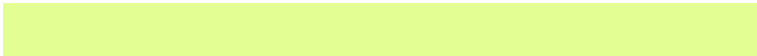
128.0000, -0.0000, -0.0000

Same Dimension

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



214.6010, 13.1640, -29.3320



234.4300, 17.6590, -39.2130



202.9400, -10.0800, -37.6000



112.7350, 2.0640, -4.3680



144.5410, 29.4470, -65.6330



41.2990, 8.6230, -18.6170

Inverse Universe

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



165.3990, -13.1640, 29.3320



168.5700, -17.6590, 39.2130



177.0600, 10.0800, 37.6000



105.2650, -2.0640, 4.3680



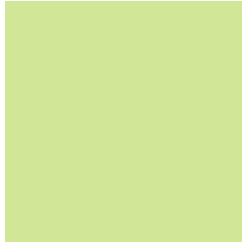
34.4590, -29.4470, 65.6330



9.7010, -8.6230, 18.6170

Previews

White Background



This preview shows how the YIQ color 214.6010, 13.1640, -29.3320 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 214.6010, 13.1640, -29.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

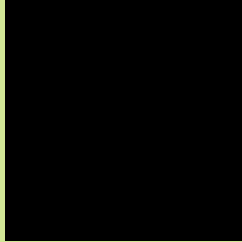
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.6010, 13.1640, -29.3320

Background



This preview shows how black text looks on a background with the YIQ color 214.6010, 13.1640, -29.3320.



This preview shows how white text looks on a background with the YIQ color 214.6010, 13.1640,

-29.3320.

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

214.6010, 13.1640, -29.3320

Protanopia

218.1310, 35.3990, -19.2970

Deuteranopia

220.7700, 38.5140, -4.1580



Tritanopia

221.3510, -5.1820, 5.8100

Trichromacy



Original Color

214.6010, 13.1640, -29.3320

Protanomaly

216.7170, 27.6970, -22.8870

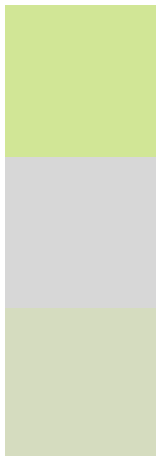
Deuteranomaly

218.2970, 29.3000, -13.3880

Tritanomaly

218.8550, 1.6060, -7.0820

Monochromacy



Original Color

214.6010, 13.1640, -29.3320

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.6010, 5.1370, -10.5030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.6010, 13.1640, -29.3320 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(209, 230, 150)` looks like.

```
.text, #text, p{  
    color:rgb(209, 230, 150)  
}
```

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(209, 230, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 230, 150) }
```

Border

The CSS property to change the border of an element to YIQ 214.6010, 13.1640, -29.3320 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(209, 230, 150) }
```


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

```
.border{ border-color:rgb(209, 230, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 230, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 230, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 230, 150);  
box-shadow:4px 4px 4px 4px rgb(209, 230,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 214.6010, 13.1640, -29.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 230, 150) }
```

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

```
.background{ background-color: rgb(209,  
230, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor