

Converting Colors

YIQ(216.0200, 13.3020,
-31.8340)

Have a look what the booklet for
YIQ(216.0200, 13.3020, -31.8340)
contains.

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Color

**YIQ(216.0200, 13.3020,
-31.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E993
RGB	209, 233, 147
RGB Percent	82%, 91%, 58%
CMY	0.1805, 0.0862, 0.4234
CMYK	0.10, 0.00, 0.37, 0.09
HSL	77°, 66%, 75%
HSV	77°, 37%, 91%
XYZ	60.6971, 73.9421, 38.6895
YIQ	216.0200, 13.3020, -31.8340

Conversions

Conversions Part 2

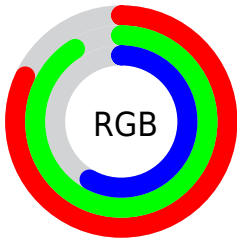
Format	Color
RYB	147, 233, 171
Decimal	13756819
CIELab	88.90, -21.56, 39.20
CIElCh	89, 44.735, 118.815
Yxy	73.9421, 0.3502, 0.4266
Android (android.graphics.Color)	4291946899 (0xFFD1E993)
YUV	216.0200, -34.0269, -6.1565
Hunter-Lab	85.9896, -24.4849, 33.5163

Details

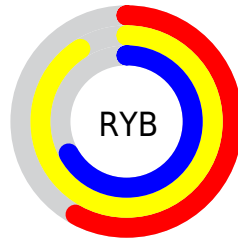
The YIQ color $216.0200, 13.3020, -31.8340$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $163.9800, -13.3020, 31.8340$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.9580, 17.0130, -16.4830$, and $160.4760, 12.0180, -30.5900$ is the 20% darker color. If you saturate the color by 10%, you get $211.3050, 16.5130, -40.4710$, and if you desaturate by 10%, it is $220.4360, 9.4950, -23.4090$.

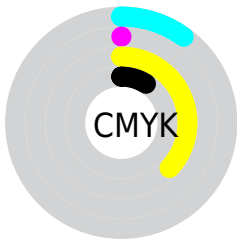
Distribution



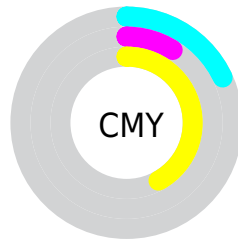
- Red (82%)
- Green (91%)
- Blue (58%)



- Red (58%)
- Yellow (91%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (37%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.0200, 13.3020, -31.8340 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 216.0200, 13.3020, -31.8340 by changing the saturation by 10% instead.

■ 216.0200, 13.3020,
-31.8340

■ 216.0200, 13.3020,
-31.8340

255.0000, -0.0000,
-0.0000

■ 188.2480, 12.6600,
-31.2120

■ 248.9580, 17.0130,
-16.4830

■ 160.4760, 12.0180,
-30.5900

■ 252.1500, 8.0250,
-7.7750

■ 134.5900, 11.6970,
-30.2790

■ 108.5190, 10.4590,
-29.8690

■ 83.4050, 10.7800,
-30.1800

■ 59.5620, 8.9000,
-29.1480

■ 39.1840, 1.5170,

-21.9950

■ 18.7840, -8.8000,
-16.7360

■ 0.0000, 0.0000,
0.0000

■ 216.0200, 13.3020,
-31.8340

■ 216.0200, 13.3020,
-31.8340

■ 211.3050, 16.5130,
-40.4710

■ 220.4360, 9.4950,
-23.4090

■ 206.7750, 20.6410,
-49.2070

■ 225.2650, 5.9630,
-14.4610

■ 202.0600, 23.8520,
-57.8440

■ 229.9800, 2.7520,
-5.8240

■ 197.6440, 27.6590,
-66.2690

■ 234.3960, -1.0550,
2.6010

■ 192.9290, 30.8700,
-74.9060

■ 238.1990, -1.6980,
8.7500

■ 188.3990, 34.9980,
-83.6420

■ 239.9930, 1.8780,
10.0220

■ 187.0030, 36.0530,
-86.2430

■ 242.0860, 6.0500,
11.5060

Harmonies

Analogous

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



220.4050, 46.3110, -18.8170



216.0200, 13.3020, -31.8340



209.5880, -29.5200, -37.7120

Triad

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



216.0200, 13.3020, -31.8340



195.3760, -95.7280, -27.2480



213.6530, 26.8630, 25.2870

Complementary

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



216.0200, 13.3020, -31.8340



163.9800, -13.3020, 31.8340

Split Complementary

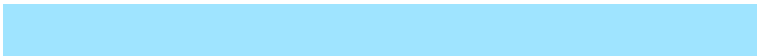
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.5410, 15.6750, 29.8110



216.0200, 13.3020, -31.8340



210.4470, -49.7910, -6.2310

Square

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



216.0200, 13.3020, -31.8340



188.7320, -117.6420, -37.5940



221.6750, -5.7340, 15.8180



210.5120, 39.8410, 10.3450

Rectangle

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



216.0200, 13.3020, -31.8340



203.6630, -60.4680, -38.5160



221.6750, -5.7340, 15.8180



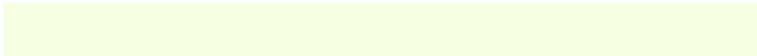
216.4230, 21.8190, 28.5950

Sweetspot

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



216.0200, 13.3020, -31.8340



249.4160, 4.2200, -10.4040



186.2150, 44.9310, 6.2030



124.5670, 2.4770, -6.3470



0.0000, 0.0000, 0.0000



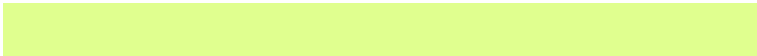
128.0000, -0.0000, -0.0000

Same Dimension

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



216.0200, 13.3020, -31.8340



232.9630, 17.4760, -41.4040



203.4620, -11.7300, -40.7380



114.8490, 1.7430, -4.0570



145.1170, 27.7050, -67.1030



43.3590, 8.3940, -19.9740

Inverse Universe

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



163.9800, -13.3020, 31.8340



165.0370, -17.4760, 41.4040



176.5380, 11.7300, 40.7380



108.1510, -1.7430, 4.0570



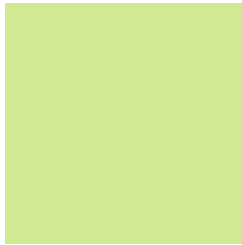
35.8830, -27.7050, 67.1030



10.6410, -8.3940, 19.9740

Previews

White Background



This preview shows how the YIQ color 216.0200, 13.3020, -31.8340 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 216.0200, 13.3020, -31.8340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

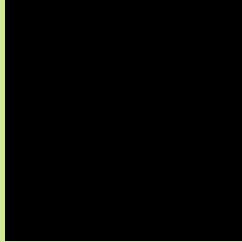
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.0200, 13.3020, -31.8340

Background



This preview shows how black text looks on a background with the YIQ color 216.0200, 13.3020, -31.8340.



This preview shows how white text looks on a background with the YIQ color 216.0200, 13.3020,

-31.8340.

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

216.0200, 13.3020, -31.8340

Protanopia

219.5610, 37.0040, -20.8520

Deuteranopia

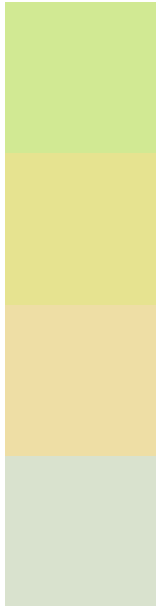
222.9870, 36.4050, -4.4830



Tritanopia

223.6390, -6.0530, 5.0750

Trichromacy



Original Color

216.0200, 13.3020, -31.8340

Protanomaly

218.4350, 28.4310, -25.1770

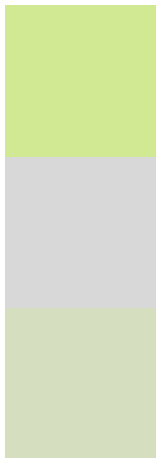
Deuteranomaly

220.2860, 27.8330, -14.3350

Tritanomaly

221.0290, 1.0560, -8.1280

Monochromacy



Original Color

216.0200, 13.3020, -31.8340

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.7750, 4.5870, -11.5490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.0200, 13.3020, -31.8340 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, 233, 147)` looks like.

```
.text, #text, p{  
    color:rgb(209, 233, 147)  
}
```

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, 233, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 233, 147) }
```

Border

The CSS property to change the border of an element to YIQ 216.0200, 13.3020, -31.8340 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, 233, 147) }
```


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

```
.border{ border-color:rgb(209, 233, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 233, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 233, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 233, 147);  
box-shadow:4px 4px 4px 4px rgb(209, 233,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 216.0200, 13.3020, -31.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 233, 147) }
```

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

```
.background{ background-color: rgb(209,  
233, 147) }
```

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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