

Converting Colors

YIQ(202.9970, -14.2540,
-28.0300)

Have a look what the booklet for
YIQ(202.9970, -14.2540, -28.0300)
contains.

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Color

**YIQ(202.9970, -14.2540,
-28.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	ACE1AB
RGB	172, 225, 171
RGB Percent	67%, 88%, 67%
CMY	0.3256, 0.1175, 0.3294
CMYK	0.24, 0.00, 0.24, 0.12
HSL	119°, 47%, 78%
HSV	119°, 24%, 88%
XYZ	51.2858, 65.5686, 48.4791
YIQ	202.9970, -14.2540, -28.0300

Conversions

Conversions Part 2

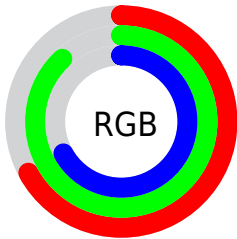
Format	Color
RYB	171, 225, 224
Decimal	11329963
CIELab	84.78, -27.32, 21.03
CIELCh	85, 34.478, 142.410
Yxy	65.5686, 0.3102, 0.3966
Android (android.graphics.Color)	4289520043 (0xFFACE1AB)
YUV	202.9970, -15.7745, -27.1844
Hunter-Lab	80.9744, -28.6507, 21.1853

Details

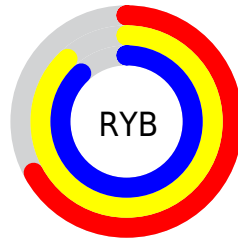
The YIQ color **202.9970, -14.2540, -28.0300** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **193.0030, 14.2540, 28.0300**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **243.7350, -7.1040, -14.4320**, and **148.0510, -14.3460, -26.3620** is the 20% darker color. If you saturate the color by 10%, you get **193.7970, -19.9830, -39.8470**, and if you desaturate by 10%, it is **212.1970, -8.5250, -16.2130**.

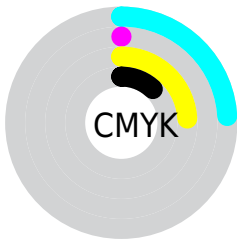
Distribution



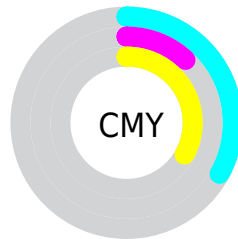
- Red (67%)
- Green (88%)
- Blue (67%)



- Red (67%)
- Yellow (88%)
- Blue (88%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)



- Cyan (33%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.9970, -14.2540, -28.0300 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 202.9970, -14.2540, -28.0300 by changing the saturation by 10% instead.

■ 202.9970,
-14.2540, -28.0300

■ 202.9970,
-14.2540, -28.0300

255.0000, -0.0000,
-0.0000

■ 175.4100,
-13.9790, -27.5070

■ 243.7350, -7.1040,
-14.4320

■ 148.6380,
-14.6210, -26.8850

■ 122.4640,
-14.0710, -25.8390

■ 96.9910, -14.1170,
-25.0050

■ 72.2190, -14.7590,
-24.3830

■ 47.8490, -16.5930,
-24.1850

■ 26.4150, -12.3750,

-23.5350

■ 14.6750, -6.8750,
-13.0750

■ 0.0000, 0.0000,
0.0000

■ 202.9970,
-14.2540, -28.0300

■ 202.9970,
-14.2540, -28.0300

■ 193.7970,
-19.9830, -39.8470

■ 212.1970, -8.5250,
-16.2130

■ 184.7110,
-26.0330, -51.3530

■ 221.2830, -2.4750,
-4.7070

■ 175.5110,
-31.7620, -63.1700

■ 230.4830, 3.2540,
7.1100

■ 166.4250,
-37.8120, -74.6760

■ 237.3900, 8.2500,
15.6900

■ 156.9260,
-44.1370, -86.7050

■ 147.8400,
-50.1870, -98.2110

■ 138.6400,
-55.9160, -110.0280

■ 133.2710,
-59.4910, -116.8270

Harmonies

Analogous

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



207.0840, 16.4180, -22.2220



202.9970, -14.2540, -28.0300



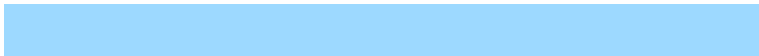
197.8160, -47.3570, -28.3250

Triad

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



202.9970, -14.2540, -28.0300



203.3920, -47.9580, -0.9020



208.6200, 39.6570, 13.6810

Complementary

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



202.9970, -14.2540, -28.0300



193.0030, 14.2540, 28.0300

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.



211.7950, 29.3390, 24.4670



202.9970, -14.2540, -28.0300



211.2870, -16.3250, 15.0270

Square

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



202.9970, -14.2540, -28.0300



196.4270, -73.4020, -13.3540



216.4480, 11.5030, 28.3270



209.6510, 46.3990, 1.6230

Rectangle

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



202.9970, -14.2540, -28.0300



195.2300, -66.0180, -26.0340



216.4480, 11.5030, 28.3270



209.2870, 36.4010, 17.6250

Sweetspot

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



202.9970, -14.2540, -28.0300



247.5660, -4.9500, -9.4140



217.6700, 17.8840, -15.7480



123.4570, -3.0250, -5.7530



0.0000, 0.0000, 0.0000



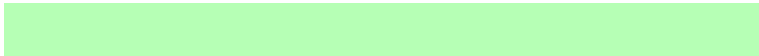
128.0000, -0.0000, -0.0000

Same Dimension

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



202.9970, -14.2540, -28.0300



224.7370, -19.7540, -38.4900



205.5480, -22.8750, -20.4670



107.4570, -3.0250, -5.7530



104.2090, -46.6120, -91.4120



28.4750, -12.6040, -24.8920

Inverse Universe

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



193.0030, 14.2540, 28.0300



211.2630, 19.7540, 38.4900



190.4520, 22.8750, 20.4670



105.5430, 3.0250, 5.7530



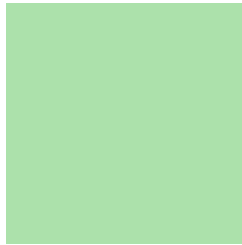
71.7910, 46.6120, 91.4120



19.8240, 13.2000, 25.1040

Previews

White Background



This preview shows how the YIQ color 202.9970, -14.2540, -28.0300 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 202.9970, -14.2540, -28.0300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

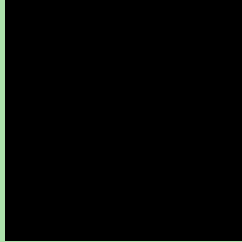
Any Text WCAG AA ✓ Pass

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 202.9970, -14.2540, -28.0300 Background



This preview shows how black text looks on a background with the YIQ color 202.9970, -14.2540, -28.0300.



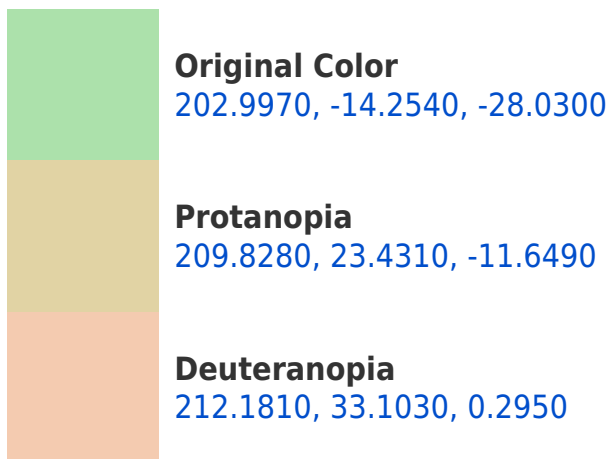
This preview shows how white text looks on a background with the YIQ color 202.9970, -14.2540, -28.0300.

-28.0300.

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

208.7720, -25.7210, -1.9210

Trichromacy



Original Color

202.9970, -14.2540, -28.0300

Protanomaly

207.4240, 9.7690, -17.3590

Deuteranomaly

208.8750, 16.0490, -10.0230

Tritanomaly

206.7150, -21.5470, -11.4910

Monochromacy



Original Color

202.9970, -14.2540, -28.0300

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.0390, -4.9040, -10.2480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.9970, -14.2540, -28.0300 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(172, 225, 171)` looks like.

```
.text, #text, p{  
    color:rgb(172, 225, 171)  
}
```

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(172, 225, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 225, 171) }
```

Border

The CSS property to change the border of an element to YIQ 202.9970, -14.2540, -28.0300 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(172, 225, 171) }
```


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

```
.border{ border-color:rgb(172, 225, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 225, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 225, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 225, 171); box-shadow:4px 4px 4px 4px rgb(172, 225, 171) }
```

Background

The CSS property to change the background color of an element to YIQ 202.9970, -14.2540, -28.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 225, 171) }
```

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

```
.background{ background-color: rgb(172,  
225, 171) }
```

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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