

Converting Colors

YIQ(209.3040, 10.2270,
-14.6450)

Have a look what the booklet for
YIQ(209.3040, 10.2270, -14.6450)
contains.

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Color

**YIQ(209.3040, 10.2270,
-14.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D8AD
RGB	210, 216, 173
RGB Percent	82%, 85%, 68%
CMY	0.1765, 0.1529, 0.3215
CMYK	0.03, 0.00, 0.20, 0.15
HSL	68°, 36%, 76%
HSV	68°, 20%, 85%
XYZ	58.6765, 65.8309, 49.1588
YIQ	209.3040, 10.2270, -14.6450

Conversions

Conversions Part 2

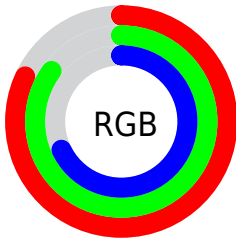
Format	Color
RYB	173, 216, 179
Decimal	13818029
CIELab	84.91, -9.22, 20.55
CIELCh	85, 22.525, 114.153
Yxy	65.8309, 0.3379, 0.3791
Android (android.graphics.Color)	4292008109 (0xFFD2D8AD)
YUV	209.3040, -17.8979, 0.6104
Hunter-Lab	81.1363, -12.9000, 20.8728

Details

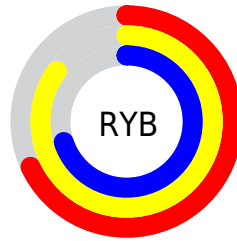
The YIQ color $209.3040, 10.2270, -14.6450$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $179.6960, -10.2270, 14.6450$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0360, 8.3460, -8.0860$, and $154.5320, 9.5850, -14.0230$ is the 20% darker color. If you saturate the color by 10%, you get $205.8990, 15.5010, -22.1230$, and if you desaturate by 10%, it is $212.7090, 4.9530, -7.1670$.

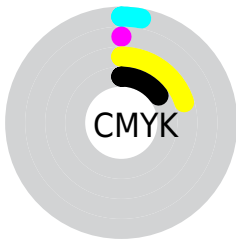
Distribution



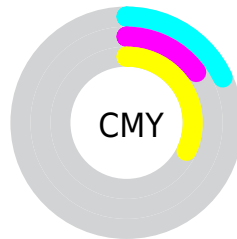
- Red (82%)
- Green (85%)
- Blue (68%)



- Red (68%)
- Yellow (85%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.3040, 10.2270, -14.6450 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 209.3040, 10.2270, -14.6450 by changing the saturation by 10% instead.

■ 209.3040, 10.2270,
-14.6450

■ 209.3040, 10.2270,
-14.6450

255.0000, -0.0000,
-0.0000

■ 181.4180, 9.9060,
-14.3340

■ 252.0360, 8.3460,
-8.0860

■ 154.5320, 9.5850,
-14.0230

■ 128.7600, 8.9430,
-13.4010

■ 103.8740, 8.6220,
-13.0900

■ 79.1020, 7.9800,
-12.4680

■ 56.2160, 7.6590,
-12.1570

■ 33.8740, 8.6220,

-13.0900

■ 13.5230, -3.3910,
-10.1350

■ 0.0000, 0.0000,
0.0000

■ 209.3040, 10.2270,
-14.6450

■ 209.3040, 10.2270,
-14.6450

■ 205.8990, 15.5010,
-22.1230

■ 212.7090, 4.9530,
-7.1670

■ 202.6080, 20.4540,
-29.2900

■ 216.0000, -0.0000,
0.0000

■ 199.2030, 25.7280,
-36.7680

■ 219.4050, -5.2740,
7.4780

■ 195.9120, 30.6810,
-43.9350

■ 222.2400, -8.9430,
13.4010

■ 192.5070, 35.9550,
-51.4130

■ 223.1370, -7.1550,
14.0370

■ 189.1020, 41.2290,
-58.8910

■ 224.0340, -5.3670,
14.6730

■ 185.8110, 46.1820,
-66.0580

■ 224.9310, -3.5790,
15.3090

■ 182.4060, 51.4560,
-73.5360

■ 225.8280, -1.7910,
15.9450

■ 226.7250, -0.0030,
16.5810

Harmonies

Analogous

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



211.7300, 26.8230, -7.0410



209.3040, 10.2270, -14.6450



206.6590, -9.9460, -17.9940

Triad

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



209.3040, 10.2270, -14.6450



205.9100, -43.7850, -4.9450



215.7250, 26.3600, 17.8800

Complementary

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



209.3040, 10.2270, -14.6450



179.6960, -10.2270, 14.6450

Split Complementary

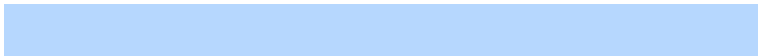
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.5690, 9.3040, 18.6160



209.3040, 10.2270, -14.6450



209.5790, -32.1870, 5.1330

Square

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



209.3040, 10.2270, -14.6450



203.6400, -43.3250, -13.2850



213.5000, -12.6110, 13.7970



214.8150, 34.6140, 11.4620

Rectangle

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



209.3040, 10.2270, -14.6450



204.8300, -23.6090, -18.1770



213.5000, -12.6110, 13.7970



215.9140, 21.4540, 18.6860

Sweetspot

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



209.3040, 10.2270, -14.6450



252.6920, 3.6230, -5.0890



189.3790, 23.9780, 5.9780



126.3760, 1.6970, -3.2230



0.0000, 0.0000, 0.0000



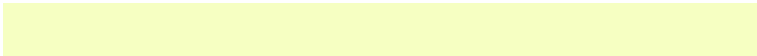
128.0000, -0.0000, -0.0000

Same Dimension

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



209.3040, 10.2270, -14.6450



245.3550, 14.2170, -20.8790



203.0250, -2.2890, -19.0970



105.4470, 2.9350, -3.6330



144.3300, 40.5870, -58.2690



36.3040, 10.2270, -14.6450

Inverse Universe

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



179.6960, -10.2270, 14.6450



203.3460, -14.8130, 20.6670



185.9750, 2.2890, 19.0970



97.8520, -2.3390, 3.8450



26.6700, -40.5870, 58.2690



6.6960, -10.2270, 14.6450

Previews

White Background



This preview shows how the YIQ color 209.3040, 10.2270, -14.6450 looks on a white background.

Color Contrast Check

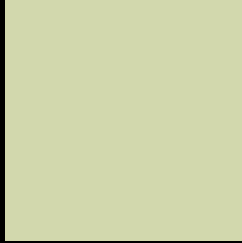
Large Text (above 18pt) WCAG AA × Fail

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 209.3040, 10.2270, -14.6450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

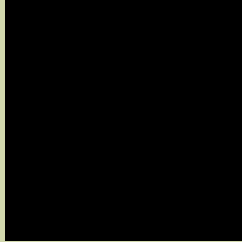
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

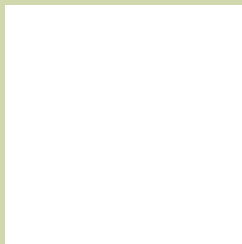
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 209.3040, 10.2270, -14.6450

Background



This preview shows how black text looks on a background with the YIQ color 209.3040, 10.2270, -14.6450.



This preview shows how white text looks on a background with the YIQ color 209.3040, 10.2270, -14.6450.

-14.6450.

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

209.3040, 10.2270, -14.6450

Protanopia

210.6260, 21.1840, -9.4720

Deuteranopia

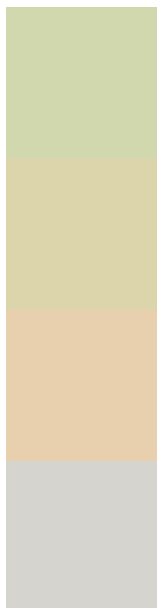
213.0670, 33.4240, -0.0160



Tritanopia

213.2160, -0.3680, 6.6720

Trichromacy



Original Color

209.3040, 10.2270, -14.6450

Protanomaly

210.4190, 17.3330, -11.2670

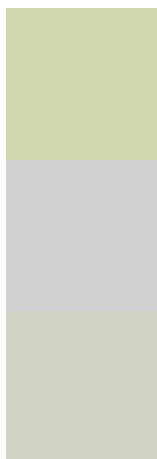
Deuteranomaly

211.4140, 24.8970, -5.1750

Tritanomaly

211.9140, 3.1180, -1.4420

Monochromacy



Original Color

209.3040, 10.2270, -14.6450

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.2790, 3.3480, -5.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.3040, 10.2270, -14.6450 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(210, 216, 173)` looks like.

```
.text, #text, p{  
    color:rgb(210, 216, 173)  
}
```

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(210, 216, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 216, 173) }
```

Border

The CSS property to change the border of an element to YIQ 209.3040, 10.2270, -14.6450 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(210, 216, 173) }
```


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

```
.border{ border-color:rgb(210, 216, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 216, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 216, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 216, 173);  
box-shadow:4px 4px 4px 4px rgb(210, 216,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 209.3040, 10.2270, -14.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 216, 173) }
```

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

```
.background{ background-color: rgb(210,  
216, 173) }
```

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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