

Converting Colors

YIQ(208.0940, 10.4580,
-24.3420)

Have a look what the booklet for
YIQ(208.0940, 10.4580, -24.3420)
contains.

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Color

**YIQ(208.0940, 10.4580,
-24.3420)**

Conversions

Conversions Part 1

Format	Color
Hex	CBDD9B
RGB	203, 221, 155
RGB Percent	80%, 87%, 61%
CMY	0.2040, 0.1333, 0.3921
CMYK	0.08, 0.00, 0.30, 0.13
HSL	76°, 49%, 74%
HSV	76°, 30%, 87%
XYZ	56.3996, 66.7777, 40.9376
YIQ	208.0940, 10.4580, -24.3420

Conversions

Conversions Part 2

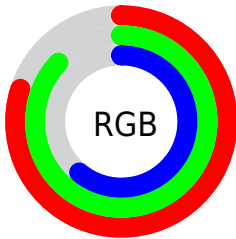
Format	Color
RYB	155, 221, 173
Decimal	13360539
CIELab	85.39, -16.87, 30.46
CIElCh	85, 34.823, 118.979
Yxy	66.7777, 0.3437, 0.4069
Android (android.graphics.Color)	4291550619 (0xFFCBDD9B)
YUV	208.0940, -26.1753, -4.4674
Hunter-Lab	81.7176, -19.8093, 27.5002

Details

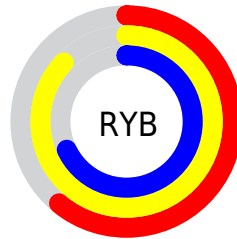
The YIQ color $208.0940, 10.4580, -24.3420$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $167.9060, -10.4580, 24.3420$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.8700, 14.4450, -13.9950$, and $153.4360, 9.4950, -23.4090$ is the 20% darker color. If you saturate the color by 10%, you get $203.7920, 13.9440, -32.4560$, and if you desaturate by 10%, it is $212.3960, 6.9720, -16.2280$.

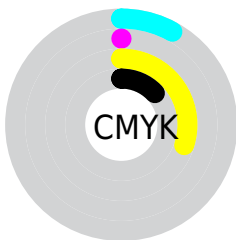
Distribution



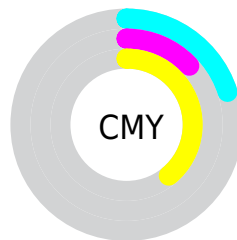
- Red (80%)
- Green (87%)
- Blue (61%)



- Red (61%)
- Yellow (87%)
- Blue (68%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.0940, 10.4580, -24.3420 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 208.0940, 10.4580, -24.3420 by changing the saturation by 10% instead.

■ 208.0940, 10.4580,
-24.3420

■ 208.0940, 10.4580,
-24.3420

255.0000, -0.0000,
-0.0000

■ 180.3220, 9.8160,
-23.7200

■ 249.8700, 14.4450,
-13.9950

■ 153.4360, 9.4950,
-23.4090

■ 253.0620, 5.4570,
-5.2870

■ 127.6640, 8.8530,
-22.7870

■ 101.8920, 8.2110,
-22.1650

■ 78.0060, 7.8900,
-21.8540

■ 54.0060, 7.8900,
-21.8540

■ 33.6020, 3.3960,

-17.5000

■ 14.6750, -6.8750,
-13.0750

■ 0.0000, 0.0000,
0.0000

■ 208.0940, 10.4580,
-24.3420

■ 208.0940, 10.4580,
-24.3420

■ 203.7920, 13.9440,
-32.4560

■ 212.3960, 6.9720,
-16.2280

■ 199.4900, 17.4300,
-40.5700

■ 216.6980, 3.4860,
-8.1140

■ 195.1880, 20.9160,
-48.6840

■ 221.0000, 0.0000,
0.0000

■ 190.8860, 24.4020,
-56.7980

■ 225.3020, -3.4860,
8.1140

■ 186.5840, 27.8880,
-64.9120

■ 228.4640, -3.7620,
13.1180

■ 182.1680, 31.6950,
-73.3370

■ 230.2580, -0.1860,
14.3900

■ 177.8660, 35.1810,
-81.4510

■ 232.0520, 3.3900,
15.6620

■ 233.8460, 6.9660,
16.9340

■ 235.0420, 9.3500,
17.7820

Harmonies

Analogous

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



211.8910, 36.3150, -13.8690



208.0940, 10.4580, -24.3420



203.4630, -21.4980, -28.9060

Triad

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



208.0940, 10.4580, -24.3420



199.1070, -69.5050, -12.3930



211.8120, 30.6690, 22.3890

Complementary

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



208.0940, 10.4580, -24.3420



167.9060, -10.4580, 24.3420

Split Complementary

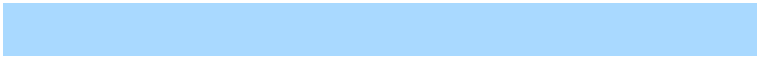
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.6830, 18.1510, 28.9910



208.0940, 10.4580, -24.3420



206.9800, -40.8060, 1.6420

Square

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



208.0940, 10.4580, -24.3420



196.0040, -76.8850, -21.8210



214.2880, -8.8980, 18.0940



209.2240, 40.7120, 11.0800

Rectangle

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



208.0940, 10.4580, -24.3420



200.2570, -44.2850, -28.9330



214.2880, -8.8980, 18.0940



213.6530, 26.8630, 25.2870

Sweetspot

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



208.0940, 10.4580, -24.3420



250.5840, 3.8070, -8.4250



185.3000, 34.3860, 4.5780



125.0940, 2.4310, -5.5130



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.



208.0940, 10.4580, -24.3420



237.0370, 14.6320, -33.9120



198.2270, -9.2100, -31.3380



107.8490, 1.7430, -4.0570



139.2250, 27.5210, -63.7670



36.8690, 7.0180, -17.0620

Inverse Universe

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



167.9060, -10.4580, 24.3420



180.9630, -14.6320, 33.9120



177.7730, 9.2100, 31.3380



101.1510, -1.7430, 4.0570



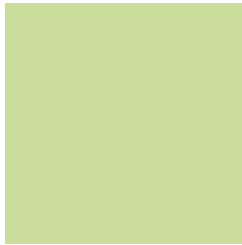
33.7750, -27.5210, 63.7670



9.1310, -7.0180, 17.0620

Previews

White Background



This preview shows how the YIQ color 208.0940, 10.4580, -24.3420 looks on a white background.

Color Contrast Check

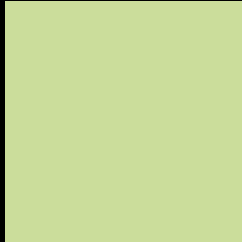
Large Text (above 18pt) WCAG AA × Fail

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 208.0940, 10.4580, -24.3420 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 208.0940, 10.4580, -24.3420

Background



This preview shows how black text looks on a background with the YIQ color 208.0940, 10.4580, -24.3420.



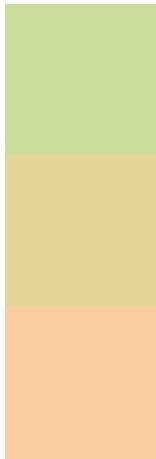
This preview shows how white text looks on a background with the YIQ color 208.0940, 10.4580, -24.3420.

-24.3420.

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

208.0940, 10.4580, -24.3420

Protanopia

211.1290, 29.7130, -15.3670

Deuteranopia

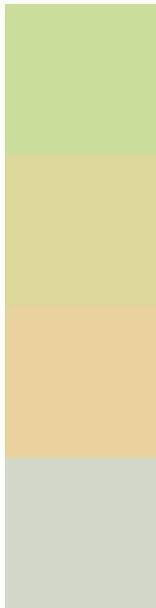
212.9230, 42.4570, -4.0310



Tritanopia

214.1230, -4.5400, 5.1880

Trichromacy



Original Color

208.0940, 10.4580, -24.3420

Protanomaly

210.0140, 22.6070, -18.7450

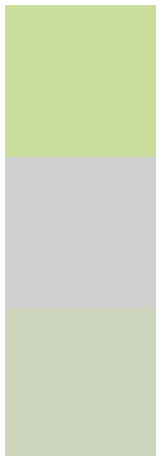
Deuteranomaly

211.2480, 30.9960, -11.0840

Tritanomaly

211.6100, 0.9180, -5.6260

Monochromacy



Original Color

208.0940, 10.4580, -24.3420

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.1710, 3.5320, -8.9480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.0940, 10.4580, -24.3420 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(203, 221, 155)` looks like.

```
.text, #text, p{  
    color:rgb(203, 221, 155)  
}
```

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(203, 221, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 221, 155) }
```

Border

The CSS property to change the border of an element to YIQ 208.0940, 10.4580, -24.3420 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(203, 221, 155) }
```


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

```
.border{ border-color:rgb(203, 221, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 221, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 221, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 221, 155); box-shadow:4px 4px 4px 4px rgb(203, 221, 155) }
```

Background

The CSS property to change the background color of an element to YIQ 208.0940, 10.4580, -24.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 221, 155) }
```

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

```
.background{ background-color: rgb(203,  
221, 155) }
```

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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