

Converting Colors

YIQ(202.3540, 7.9310, 4.9470)

Have a look what the booklet for
YIQ(202.3540, 7.9310, 4.9470)
contains.

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Color

**YIQ(202.3540, 7.9310,
4.9470)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C5CA
RGB	213, 197, 202
RGB Percent	84%, 77%, 79%
CMY	0.1647, 0.2275, 0.2078
CMYK	0.00, 0.08, 0.05, 0.16
HSL	341°, 16%, 80%
HSV	341°, 8%, 84%
XYZ	58.0699, 58.3418, 64.0820
YIQ	202.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

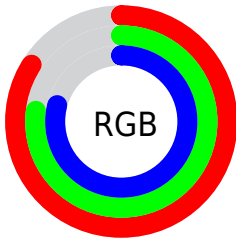
Format	Color
R _Y B	213, 197, 202
Decimal	14009802
CIE Lab	80.93, 6.47, -0.49
CIE LCh	81, 6.492, 355.692
Yxy	58.3418, 0.3217, 0.3232
Android (android.graphics.Color)	4292199882 (0xFFD5C5CA)
YUV	202.3540, -0.1745, 9.3365
Hunter-Lab	76.3818, 2.0379, 3.7248

Details

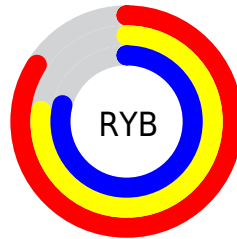
The YIQ color $202.3540, 7.9310, 4.9470$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $207.6460, -7.9310, -4.9470$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4130, 0.2750, 0.5230$, and $148.0550, 7.3350, 4.7350$ is the 20% darker color. If you saturate the color by 10%, you get $188.3170, 18.5210, 11.2650$, and if you desaturate by 10%, it is $216.3910, -2.6590, -1.3710$.

Distribution



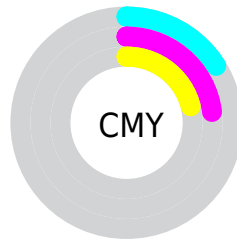
- Red (84%)
- Green (77%)
- Blue (79%)



- Red (84%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.3540, 7.9310, 4.9470 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 202.3540, 7.9310, 4.9470 by changing the saturation by 10% instead.

■ 202.3540, 7.9310,
4.9470

■ 202.3540, 7.9310,
4.9470

255.0000, -0.0000,
-0.0000

■ 175.0550, 7.3350,
4.7350

254.4130, 0.2750,
0.5230

■ 148.0550, 7.3350,
4.7350

■ 122.6420, 7.0600,
4.2120

■ 97.6420, 7.0600,
4.2120

■ 73.7560, 6.7390,
4.5230

■ 51.3430, 6.4640,
4.0000

■ 30.0440, 5.8680,

3.7880

■ 5.9520, 9.1230,
5.3710

■ 0.0000, 0.0000,
0.0000

■ 202.3540, 7.9310,
4.9470

■ 202.3540, 7.9310,
4.9470

■ 188.3170, 18.5210,
11.2650

■ 216.3910, -2.6590,
-1.3710

■ 173.8070, 29.0650,
18.4170

■ 230.9010,
-13.2030, -8.5230

■ 159.7700, 39.6550,
24.7350

■ 241.4160,
-22.1430, -11.7030

■ 145.7330, 50.2450,
31.0530

■ 242.4420,
-25.0320, -8.9040

■ 131.2230, 60.7890,
38.2050

■ 117.1860, 71.3790,
44.5230

■ 103.2630, 81.6480,
51.1520

■ 89.2260, 92.2380,
57.4700

■ 74.6020, 103.1030,
64.3110

Harmonies

Analogous

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



202.1300, 2.7500, 5.2300



202.3540, 7.9310, 4.9470



201.9690, 10.4530, 3.2930

Triad

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



202.3540, 7.9310, 4.9470



200.0340, 2.6600, -4.1560



199.4270, -11.5080, -0.6920

Complementary

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



202.3540, 7.9310, 4.9470



207.6460, -7.9310, -4.9470

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.



198.8460, -11.3700, -3.1940



202.3540, 7.9310, 4.9470



199.5710, -3.3460, -5.4420

Square

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



202.3540, 7.9310, 4.9470



200.8390, 7.7030, -1.9370



199.3470, -8.5270, -5.1590



200.8620, -8.2990, 1.7250

Rectangle

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



202.3540, 7.9310, 4.9470



201.8010, 10.8660, 1.3140



199.3470, -8.5270, -5.1590



199.4870, -11.7370, -2.0490

Sweetspot

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



202.3540, 7.9310, 4.9470



251.6090, 2.6590, 1.3710



202.1130, 1.4200, 7.3080



126.0110, 1.4670, 0.9470



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.



202.3540, 7.9310, 4.9470



239.6750, 11.4610, 7.0530



203.5450, 8.7110, 1.8230



99.7450, 5.2720, 3.5760



57.1710, 84.9030, 52.7350



14.4530, 21.1340, 13.4700

Inverse Universe

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



202.3540, 7.9310, 4.9470



239.6750, 11.4610, 7.0530



206.4550, -8.7110, -1.8230



99.7450, 5.2720, 3.5760



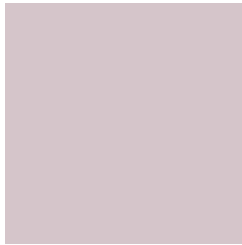
57.1710, 84.9030, 52.7350



14.4530, 21.1340, 13.4700

Previews

White Background



This preview shows how the YIQ color 202.3540, 7.9310, 4.9470 looks on a white background.

Color Contrast Check

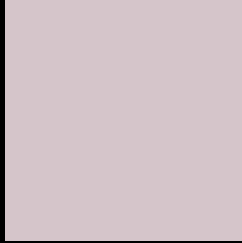
Large Text (above 18pt) WCAG AA × Fail

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 202.3540, 7.9310, 4.9470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

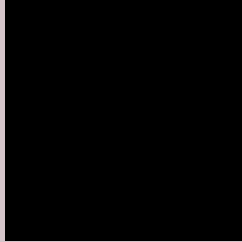
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.3540, 7.9310, 4.9470

Background



This preview shows how black text looks on a background with the YIQ color 202.3540, 7.9310, 4.9470.



This preview shows how white text looks on a background with the YIQ color 202.3540, 7.9310,

4.9470.

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

202.3540, 7.9310, 4.9470

Protanopia

201.6520, 1.1000, 2.0920

Deuteranopia

203.2730, 12.6530, 7.4770



Tritanopia

203.0920, 5.9130, 8.4810

Trichromacy



Original Color

202.3540, 7.9310, 4.9470

Protanomaly

201.8480, 3.4840, 2.9400

Deuteranomaly

202.9630, 10.5900, 6.3180

Tritanomaly

202.7500, 6.8760, 7.5480

Monochromacy



Original Color

202.3540, 7.9310, 4.9470

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

202.0220, 2.9340, 1.8940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.3540, 7.9310, 4.9470 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(213, 197, 202)` looks like.

```
.text, #text, p{  
    color:rgb(213, 197, 202)  
}
```

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(213, 197, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 197, 202) }
```

Border

The CSS property to change the border of an element to YIQ 202.3540, 7.9310, 4.9470 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(213, 197, 202) }
```


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

```
.border{ border-color:rgb(213, 197, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 197, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 197, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 197, 202);  
box-shadow:4px 4px 4px 4px rgb(213, 197,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 202.3540, 7.9310, 4.9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 197, 202) }
```

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

```
.background{ background-color: rgb(213,  
197, 202) }
```

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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