

Converting Colors

YIQ(209.0250, 33.2420, -7.7340)

Have a look what the booklet for
YIQ(209.0250, 33.2420, -7.7340)
contains.

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Color

**YIQ(209.0250, 33.2420,
-7.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	ECCD9F
RGB	236, 205, 159
RGB Percent	93%, 80%, 62%
CMY	0.0745, 0.1961, 0.3763
CMYK	0.00, 0.13, 0.33, 0.07
HSL	36°, 67%, 77%
HSV	36°, 33%, 93%
XYZ	62.6858, 63.9959, 41.8689
YIQ	209.0250, 33.2420, -7.7340

Conversions

Conversions Part 2

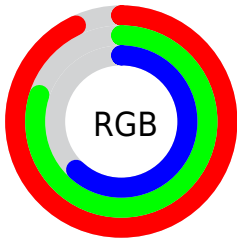
Format	Color
R _{YB}	211, 236, 159
Decimal	15519135
CIE Lab	83.96, 4.35, 26.91
CIE LCh	84, 27.263, 80.825
Yxy	63.9959, 0.3719, 0.3797
Android (android.graphics.Color)	4293709215 (0xFFECCD9F)
YUV	209.0250, -24.6623, 23.6571
Hunter-Lab	79.9974, -0.1233, 24.9671

Details

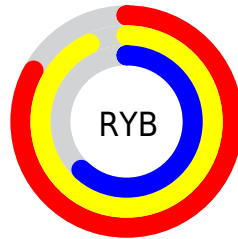
The YIQ color $209.0250, 33.2420, -7.7340$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $185.9750, -33.2420, 7.7340$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3260, 13.1610, -12.7510$, and $154.3560, 30.8120, -7.7480$ is the 20% darker color. If you saturate the color by 10%, you get $200.4190, 43.6960, -9.9680$, and if you desaturate by 10%, it is $217.6310, 22.7880, -5.5000$.

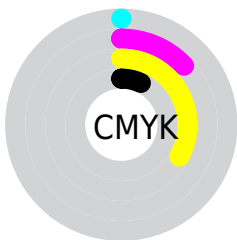
Distribution



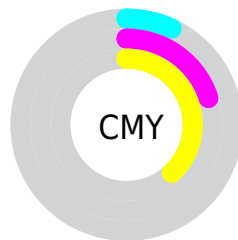
- Red (93%)
- Green (80%)
- Blue (62%)



- Red (83%)
- Yellow (93%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (33%)
- Black (7%)





- Cyan (7%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 209.0250, 33.2420, -7.7340 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 209.0250, 33.2420, -7.7340 by changing the saturation by 10% instead.


 209.0250, 33.2420,
-7.7340


 209.0250, 33.2420,
-7.7340


255.0000, -0.0000,
-0.0000


 181.5410, 31.7290,
-7.8470


 250.3260, 13.1610,
-12.7510


 154.3560, 30.8120,
-7.7480

 253.5180, 4.1730,
-4.0430

 128.2850, 29.5740,
-7.3380

 102.8010, 28.0610,
-7.4510

 78.4310, 26.2270,
-7.2530

 55.5340, 24.4390,
-7.8890

 33.7340, 21.0000,

-6.1360

■ 13.6440, 12.7460,
0.2820

■ 0.0000, 0.0000,
0.0000

■ 209.0250, 33.2420,
-7.7340

■ 209.0250, 33.2420,
-7.7340

■ 200.4190, 43.6960,
-9.9680

■ 217.6310, 22.7880,
-5.5000

■ 192.5140, 53.5540,
-12.4140

■ 225.5360, 12.9300,
-3.0540

■ 183.9080, 64.0080,
-14.6480

■ 234.1420, 2.4760,
-0.8200

■ 176.0030, 73.8660,
-17.0940

■ 242.0470, -7.3820,
1.6260

■ 167.3970, 84.3200,
-19.3280

■ 248.1450,
-10.7740, -2.9820

■ 159.3780, 94.4990,
-22.0850

■ 249.3190,
-11.3240, -4.0280

■ 153.3310,
101.8810, -23.7110

Harmonies

Analogous

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



211.3780, 42.9140, 4.2100



209.0250, 33.2420, -7.7340



206.1750, 14.9040, -16.8080

Triad

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



209.0250, 33.2420, -7.7340



198.3290, -52.8150, -17.5110



213.4920, 8.2030, 22.0510

Complementary

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



209.0250, 33.2420, -7.7340



185.9750, -33.2420, 7.7340

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.



210.6890, -17.5170, 14.6030



209.0250, 33.2420, -7.7340



200.4570, -55.7510, -8.3510

Square

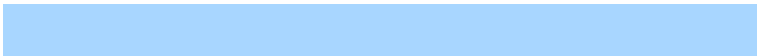
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



209.0250, 33.2420, -7.7340



199.4480, -34.3370, -21.9930



204.9200, -40.5770, 2.9990



213.8010, 29.2020, 21.4420

Rectangle

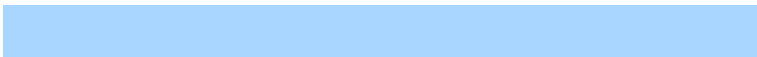
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



209.0250, 33.2420, -7.7340



204.1560, -1.2800, -20.8640



204.9200, -40.5770, 2.9990



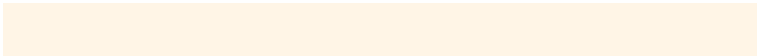
212.9470, -0.5080, 20.2280

Sweetspot

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



209.0250, 33.2420, -7.7340



246.2800, 10.7750, -2.5450



185.6710, 35.6200, 26.2760



122.0670, 7.0610, -1.3150



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.



209.0250, 33.2420, -7.7340



220.2340, 42.7790, -9.8690



225.4280, 21.1410, -25.2190



113.3980, 4.6310, -1.3290



117.5150, 78.1760, -18.1120



34.9300, 23.3840, -5.2880

Inverse Universe

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



185.9750, -33.2420, 7.7340



190.7660, -42.7790, 9.8690



169.5720, -21.1410, 25.2190



109.6020, -4.6310, 1.3290



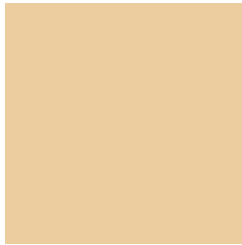
63.4850, -78.1760, 18.1120



19.0700, -23.3840, 5.2880

Previews

White Background



This preview shows how the YIQ color 209.0250, 33.2420, -7.7340 looks on a white background.

Color Contrast Check

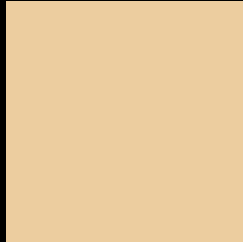
Large Text (above 18pt) WCAG AA × Fail

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 209.0250, 33.2420, -7.7340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

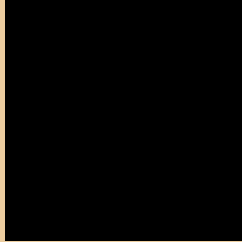
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.0250, 33.2420, -7.7340

Background



This preview shows how black text looks on a background with the YIQ color 209.0250, 33.2420, -7.7340.



This preview shows how white text looks on a background with the YIQ color 209.0250, 33.2420, -7.7340.

-7.7340.

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

209.0250, 33.2420, -7.7340

Protanopia

208.0130, 24.3480, -11.7480

Deuteranopia

209.7810, 39.9810, -3.2110



Tritanopia

212.8660, 21.4090, 13.9930

Trichromacy



Original Color

209.0250, 33.2420, -7.7340

Protanomaly

208.5080, 27.3280, -10.6880

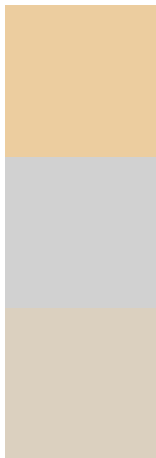
Deuteranomaly

209.1720, 37.3220, -4.5820

Tritanomaly

211.7490, 25.8120, 5.7800

Monochromacy



Original Color

209.0250, 33.2420, -7.7340

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.3510, 12.0130, -2.9550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.0250, 33.2420, -7.7340 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(236, 205, 159)` looks like.

```
.text, #text, p{  
    color:rgb(236, 205, 159)  
}
```

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(236, 205, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 205, 159) }
```

Border

The CSS property to change the border of an element to YIQ 209.0250, 33.2420, -7.7340 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(236, 205, 159) }
```


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

```
.border{ border-color:rgb(236, 205, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 205, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 205, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 205, 159); box-shadow:4px 4px 4px 4px rgb(236, 205, 159) }
```

Background

The CSS property to change the background color of an element to YIQ 209.0250, 33.2420, -7.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 205, 159) }
```

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

```
.background{ background-color: rgb(236,  
205, 159) }
```

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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