

Converting Colors

YIQ(209.4640, 39.7960, 5.6520)

Have a look what the booklet for
YIQ(209.4640, 39.7960, 5.6520)
contains.

YIQ(209.4640, 39.7960, 5.6520)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(209.4640, 39.7960,
5.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC3AF
RGB	251, 195, 175
RGB Percent	98%, 76%, 69%
CMY	0.0156, 0.2354, 0.3135
CMYK	0.00, 0.22, 0.30, 0.02
HSL	16°, 91%, 84%
HSV	16°, 30%, 98%
XYZ	67.0468, 62.6315, 49.1356
YIQ	209.4640, 39.7960, 5.6520

Conversions

Conversions Part 2

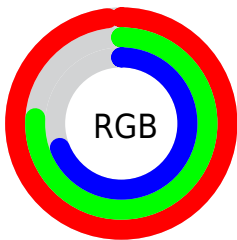
Format	Color
R _Y B	251, 202, 175
Decimal	16499631
CIE Lab	83.25, 17.30, 17.71
CIE LCh	83, 24.758, 45.676
Yxy	62.6315, 0.3750, 0.3503
Android (android.graphics.Color)	4294689711 (0xFFFBC3AF)
YUV	209.4640, -16.9908, 36.4271
Hunter-Lab	79.1401, 12.7286, 18.5867

Details

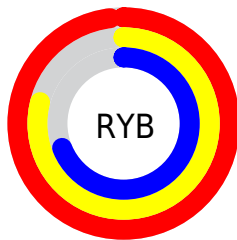
The YIQ color $209.4640, 39.7960, 5.6520$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $216.5360, -39.7960, -5.6520$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5030, 8.5290, -5.8950$, and $154.4960, 36.7700, 5.4260$ is the 20% darker color. If you saturate the color by 10%, you get $195.4610, 53.0460, 7.8140$, and if you desaturate by 10%, it is $222.8800, 26.8210, 4.0130$.

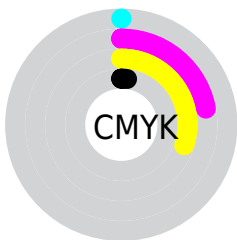
Distribution



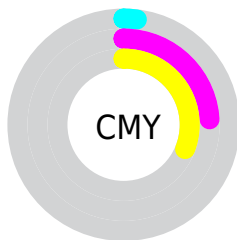
- Red (98%)
- Green (76%)
- Blue (69%)



- Red (98%)
- Yellow (79%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (30%)
- Black (2%)





- Cyan (2%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 209.4640, 39.7960, 5.6520 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 209.4640, 39.7960, 5.6520 by changing the saturation by 10% instead.


 209.4640, 39.7960,
5.6520


 209.4640, 39.7960,
5.6520


255.0000, -0.0000,
-0.0000


 181.8660, 38.6040,
5.2280


 250.5030, 8.5290,
-5.8950

 154.4960, 36.7700,
5.4260

 128.0120, 35.2570,
5.3130

 103.1150, 33.4690,
4.6770

 78.3320, 31.3600,
4.3520

 54.6630, 28.9300,
4.3380

 32.4240, 28.1050,

2.7690

■ 11.3620, 22.6480,
8.0560

■ 0.0000, 0.0000,
0.0000

■ 209.4640, 39.7960,
5.6520

■ 209.4640, 39.7960,
5.6520

■ 195.4610, 53.0460,
7.8140

■ 222.8800, 26.8210,
4.0130

■ 182.0450, 66.0210,
9.4530

■ 236.8830, 13.5710,
1.8510

■ 168.0420, 79.2710,
11.6150

■ 250.8860, 0.3210,
-0.3110

■ 154.6260, 92.2460,
13.2540

■ 253.8040, -2.3840,
-0.8480

■ 140.6230,
105.4960, 15.4160

■ 127.0930,
118.7920, 16.7440

■ 113.7910,
131.4460, 18.6940

Harmonies

Analogous

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



210.7060, 36.5390, 15.1230



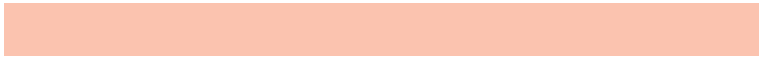
209.4640, 39.7960, 5.6520



207.4210, 32.1870, -5.1330

Triad

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



209.4640, 39.7960, 5.6520



199.5090, -27.1390, -20.2830



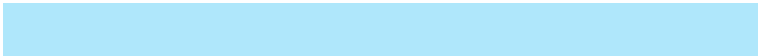
207.9660, -19.8550, 12.9210

Complementary

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



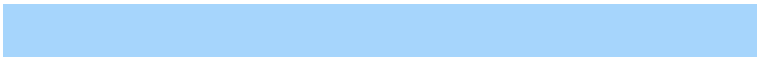
209.4640, 39.7960, 5.6520



216.5360, -39.7960, -5.6520

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.



203.3930, -40.5310, 2.1650



209.4640, 39.7960, 5.6520



197.7490, -45.2500, -16.9460

Square

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



209.4640, 39.7960, 5.6520



202.2420, -4.3980, -19.4220



198.6810, -50.5700, -8.6340



210.5730, 3.4810, 19.5210

Rectangle

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



209.4640, 39.7960, 5.6520



205.9420, 23.1100, -11.3380



198.6810, -50.5700, -8.6340



206.5520, -27.5570, 9.3310

Sweetspot

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



209.4640, 39.7960, 5.6520



242.3990, 12.0580, 1.7380



204.2220, 26.9990, 33.8390



119.8330, 7.8400, 1.0880



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.



209.4640, 39.7960, 5.6520



204.5960, 48.2320, 6.9520



231.1830, 29.6210, -13.6990



118.2350, 6.6480, 0.6640



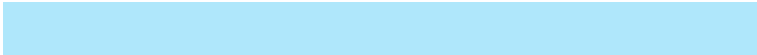
85.8610, 98.8940, 13.9180



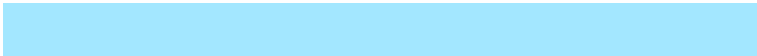
27.6310, 31.9560, 4.5640

Inverse Universe

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



216.5360, -39.7960, -5.6520



213.4040, -48.2320, -6.9520



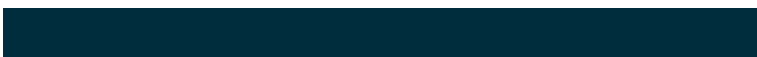
194.8170, -29.6210, 13.6990



119.3520, -6.9230, -1.1870



103.1390, -98.8940, -13.9180



33.3690, -31.9560, -4.5640

Previews

White Background



This preview shows how the YIQ color 209.4640, 39.7960, 5.6520 looks on a white background.

Color Contrast Check

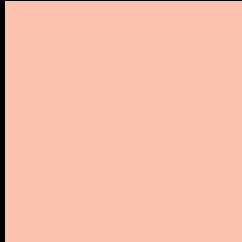
Large Text (above 18pt) WCAG AA × Fail

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 209.4640, 39.7960, 5.6520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

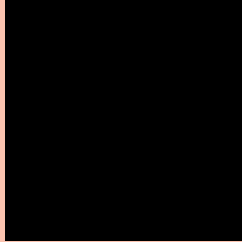
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.4640, 39.7960, 5.6520

Background



This preview shows how black text looks on a background with the YIQ color 209.4640, 39.7960, 5.6520.



This preview shows how white text looks on a background with the YIQ color 209.4640, 39.7960,

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

209.4640, 39.7960, 5.6520

Protanopia

207.3250, 14.9020, -5.7540

Deuteranopia

208.9960, 32.1860, 0.3940



Tritanopia

211.4330, 33.0540, 17.7100

Trichromacy



Original Color

209.4640, 39.7960, 5.6520

Protanomaly

208.3370, 23.7960, -1.7400

Deuteranomaly

209.0180, 35.1200, 2.2880

Tritanomaly

210.4670, 35.7140, 13.5540

Monochromacy



Original Color

209.4640, 39.7960, 5.6520

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.1820, 14.1670, 2.0630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.4640, 39.7960, 5.6520 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(251, 195, 175)` looks like.

```
.text, #text, p{  
    color:rgb(251, 195, 175)  
}
```

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(251, 195, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 195, 175) }
```

Border

The CSS property to change the border of an element to YIQ 209.4640, 39.7960, 5.6520 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(251, 195, 175) }
```


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

```
.border{ border-color:rgb(251, 195, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 195, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 195, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 195, 175);  
box-shadow:4px 4px 4px 4px rgb(251, 195,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 209.4640, 39.7960, 5.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 195, 175) }
```

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

```
.background{ background-color: rgb(251,  
195, 175) }
```

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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