

Converting Colors

YIQ(217.3940, 36.8170, -0.9350)

Have a look what the booklet for
YIQ(217.3940, 36.8170, -0.9350)
contains.

YIQ(217.3940, 36.8170, -0.9350)	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(217.3940, 36.8170,
-0.9350)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD0AF
RGB	252, 208, 175
RGB Percent	99%, 82%, 69%
CMY	0.0117, 0.1844, 0.3135
CMYK	0.00, 0.17, 0.31, 0.01
HSL	26°, 93%, 84%
HSV	26°, 31%, 99%
XYZ	70.4462, 68.8990, 50.1659
YIQ	217.3940, 36.8170, -0.9350

Conversions

Conversions Part 2

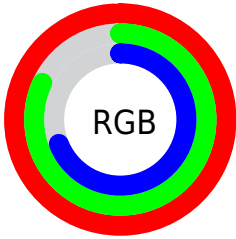
Format	Color
R _Y B	252, 233, 175
Decimal	16568495
CIE Lab	86.45, 10.88, 22.17
CIE LCh	86, 24.699, 63.868
Yxy	68.8990, 0.3717, 0.3636
Android (android.graphics.Color)	4294758575 (0xFFFC0AF)
YUV	217.3940, -20.9002, 30.3495
Hunter-Lab	83.0054, 6.2323, 22.2708

Details

The YIQ color $217.3940, 36.8170, -0.9350$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $209.6060, -36.8170, 0.9350$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.2640, 7.7040, -7.4640$, and $162.3120, 34.1120, -1.4720$ is the 20% darker color. If you saturate the color by 10%, you get $206.3260, 48.6920, -1.3880$, and if you desaturate by 10%, it is $228.4620, 24.9420, -0.4820$.

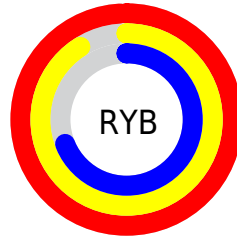
Distribution



Red (99%)

Green (82%)

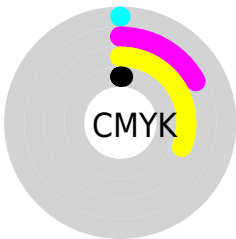
Blue (69%)



Red (99%)

Yellow (91%)

Blue (69%)

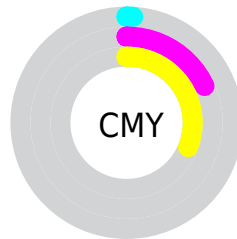


Cyan (0%)

Magenta (17%)

Yellow (31%)

Black (1%)



Cyan (1%)


Magenta (18%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 217.3940, 36.8170, -0.9350 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 217.3940, 36.8170, -0.9350 by changing the saturation by 10% instead.


 217.3940, 36.8170,
-0.9350


 217.3940, 36.8170,
-0.9350


255.0000, -0.0000,
-0.0000


 189.2090, 35.9000,
-0.8360


 252.2640, 7.7040,
-7.4640

 162.3120, 34.1120,
-1.4720

 135.8280, 32.5990,
-1.5850

 110.3440, 31.0860,
-1.6980

 85.9740, 29.2520,
-1.5000

 62.1910, 27.1430,
-1.8250

 39.0660, 25.9970,

-3.0830

■ 19.5800, 18.7980,
0.7340

■ 0.0000, 0.0000,
0.0000

■ 217.3940, 36.8170,
-0.9350

■ 217.3940, 36.8170,
-0.9350

■ 206.3260, 48.6920,
-1.3880

■ 228.4620, 24.9420,
-0.4820

■ 194.6710, 60.8420,
-1.3180

■ 240.1170, 12.7920,
-0.5520

■ 183.4890, 73.0380,
-2.0820

■ 251.2990, 0.5960,
0.2120

■ 171.8340, 85.1880,
-2.0120

■ 254.1030, -1.7880,
-0.6360

■ 160.7660, 97.0630,
-2.4650

■ 149.1110,
109.2130, -2.3950

■ 138.7440,
120.4920, -3.0600

Harmonies

Analogous

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



216.5930, 35.1190, 7.8150



217.3940, 36.8170, -0.9350



215.2410, 23.7060, -11.1260

Triad

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



217.3940, 36.8170, -0.9350



207.2180, -39.3810, -18.6850



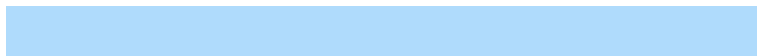
218.7290, -5.8260, 17.4860

Complementary

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



217.3940, 36.8170, -0.9350



209.6060, -36.8170, 0.9350

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.



214.1560, -26.5020, 6.7300



217.3940, 36.8170, -0.9350



207.4590, -50.0650, -12.2810

Square

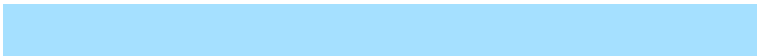
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.3940, 36.8170, -0.9350



209.5870, -18.6110, -20.6510



209.8930, -45.1150, -2.8670



220.6300, 16.5020, 20.3260

Rectangle

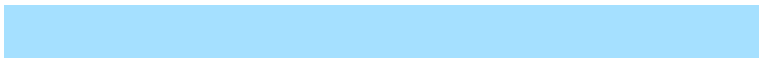
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.3940, 36.8170, -0.9350



213.4350, 11.2360, -16.4120



209.8930, -45.1150, -2.8670



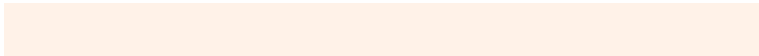
217.5000, -12.6110, 13.7970

Sweetspot

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



217.3940, 36.8170, -0.9350



244.7470, 10.9580, -0.3540



203.1530, 31.4470, 30.3190



121.0070, 7.2900, 0.0420



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.



217.3940, 36.8170, -0.9350



212.5860, 45.0240, -0.9920



239.7000, 26.3670, -20.8090



119.4090, 6.0980, -0.3820



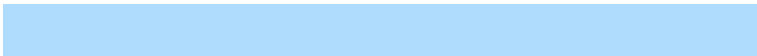
104.0580, 90.3690, -2.2950



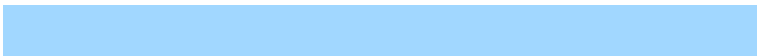
33.5010, 29.2060, -0.6660

Inverse Universe

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



209.6060, -36.8170, 0.9350



203.4140, -45.0240, 0.9920



187.3000, -26.3670, 20.8090



118.1780, -6.3730, -0.1410



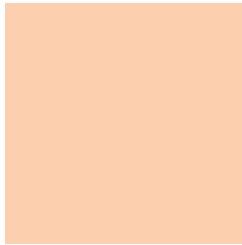
84.9420, -90.3690, 2.2950



27.4990, -29.2060, 0.6660

Previews

White Background



This preview shows how the YIQ color 217.3940, 36.8170, -0.9350 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 217.3940, 36.8170, -0.9350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

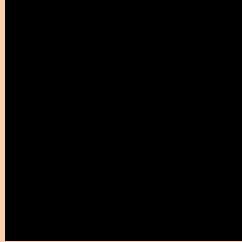
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.3940, 36.8170, -0.9350

Background



This preview shows how black text looks on a background with the YIQ color 217.3940, 36.8170, -0.9350.



This preview shows how white text looks on a background with the YIQ color 217.3940, 36.8170, -0.9350.

-0.9350.

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

217.3940, 36.8170, -0.9350

Protanopia

215.6690, 19.6250, -8.7510

Deuteranopia

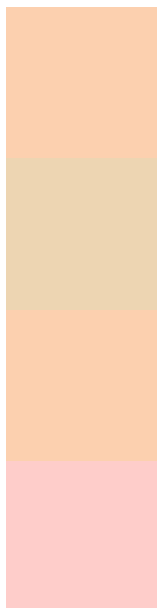
217.3940, 36.8170, -0.9350



Tritanopia

220.2580, 26.1770, 15.6890

Trichromacy



Original Color

217.3940, 36.8170, -0.9350

Protanomaly

216.1860, 25.5390, -5.7970

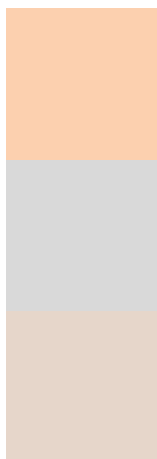
Deuteranomaly

217.3940, 36.8170, -0.9350

Tritanomaly

219.3090, 30.1670, 9.4550

Monochromacy



Original Color

217.3940, 36.8170, -0.9350

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.4160, 13.3880, -0.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.3940, 36.8170, -0.9350 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(252, 208, 175)` looks like.

```
.text, #text, p{  
    color:rgb(252, 208, 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(252, 208, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 208, 175) }
```

Border

The CSS property to change the border of an element to YIQ 217.3940, 36.8170, -0.9350 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(252, 208, 175) }
```


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

```
.border{ border-color:rgb(252, 208, 175) }
```

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

Here you see how a box with a 4 pixel rgb(252, 208, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 208, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 208, 175);  
box-shadow:4px 4px 4px 4px rgb(252, 208,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 217.3940, 36.8170, -0.9350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 208, 175) }
```

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

```
.background{ background-color: rgb(252,  
208, 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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