

Converting Colors

YIQ(215.9610, 39.2940, -7.2820)

Have a look what the booklet for
YIQ(215.9610, 39.2940, -7.2820)
contains.

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Color

**YIQ(215.9610, 39.2940,
-7.2820)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D2A0
RGB	249, 210, 160
RGB Percent	98%, 82%, 63%
CMY	0.0235, 0.1765, 0.3723
CMYK	0.00, 0.16, 0.36, 0.02
HSL	34°, 88%, 80%
HSV	34°, 36%, 98%
XYZ	68.4645, 68.7675, 42.9455
YIQ	215.9610, 39.2940, -7.2820

Conversions

Conversions Part 2

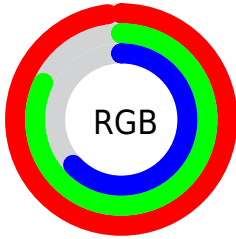
Format	Color
R _Y B	229, 249, 160
Decimal	16372384
CIE Lab	86.39, 6.88, 29.86
CIE LCh	86, 30.641, 77.031
Yxy	68.7675, 0.3800, 0.3817
Android (android.graphics.Color)	4294562464 (0xFFFF9D2A0)
YUV	215.9610, -27.5888, 28.9752
Hunter-Lab	82.9261, 2.2504, 27.3434

Details

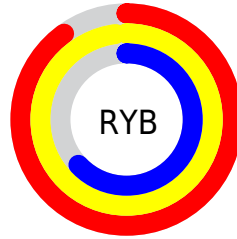
The YIQ color **215.9610, 39.2940, -7.2820** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **193.0390, -39.2940, 7.2820**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.4400, 12.8400, -12.4400**, and **160.9930, 36.2680, -7.5080** is the 20% darker color. If you saturate the color by 10%, you get **206.6540, 50.3440, -9.3040**, and if you desaturate by 10%, it is **225.2680, 28.2440, -5.2600**.

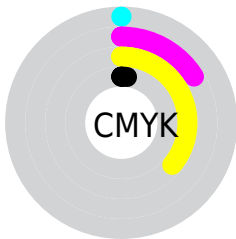
Distribution



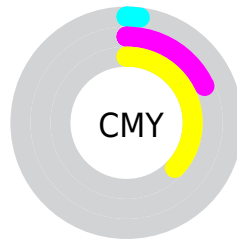
- Red (98%)
- Green (82%)
- Blue (63%)



- Red (90%)
- Yellow (98%)
- Blue (63%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 215.9610, 39.2940, -7.2820 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 215.9610, 39.2940, -7.2820 by changing the saturation by 10% instead.


 215.9610, 39.2940,
-7.2820


 215.9610, 39.2940,
-7.2820


255.0000, -0.0000,
-0.0000


 187.8900, 38.0560,
-6.8720


 250.4400, 12.8400,
-12.4400


 160.9930, 36.2680,
-7.5080

 253.7460, 3.5310,
-3.4210

 134.5090, 34.7550,
-7.6210

 109.1390, 32.9210,
-7.4230

 83.7690, 31.0870,
-7.2250

 60.4590, 29.0240,
-8.3840

 38.7730, 25.2640,

-6.3200

■ 19.5580, 15.8640,
-1.1600

■ 0.0000, 0.0000,
0.0000

■ 215.9610, 39.2940,
-7.2820

■ 215.9610, 39.2940,
-7.2820

■ 206.6540, 50.3440,
-9.3040

■ 225.2680, 28.2440,
-5.2600

■ 197.3470, 61.3940,
-11.3260

■ 234.5750, 17.1940,
-3.2380

■ 188.0400, 72.4440,
-13.3480

■ 243.8820, 6.1440,
-1.2160

■ 178.7330, 83.4940,
-15.3700

■ 252.6190, -3.3010,
-0.7490

■ 169.5400, 94.2230,
-17.0810

■ 253.2060, -3.5760,
-1.2720

■ 160.2330,
105.2730, -19.1030

■ 156.6310,
109.9040, -20.4320

Harmonies

Analogous

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



214.1820, 40.5300, 3.3620



215.9610, 39.2940, -7.2820



213.1600, 19.2600, -18.6600

Triad

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



215.9610, 39.2940, -7.2820



202.3990, -59.0040, -20.9880



220.2900, 5.9560, 24.2280

Complementary

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



215.9610, 39.2940, -7.2820



193.0390, -39.2940, 7.2820

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.



215.0970, -18.8460, 11.1540



215.9610, 39.2940, -7.2820



203.5590, -64.9660, -12.0540

Square

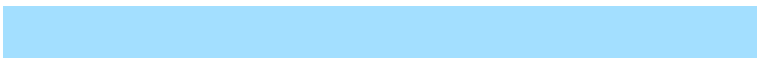
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.9610, 39.2940, -7.2820



205.5570, -36.2620, -25.6540



208.7080, -46.0320, -2.7680



217.5170, 24.2500, 23.0820

Rectangle

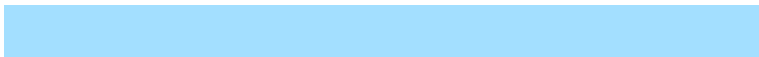
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



215.9610, 39.2940, -7.2820



210.5430, 1.8840, -23.1400



208.7080, -46.0320, -2.7680



218.4630, -2.0210, 20.1150

Sweetspot

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



215.9610, 39.2940, -7.2820



244.7640, 12.2880, -2.4320



191.1710, 40.2040, 31.3080



121.3660, 7.6570, -1.1030



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.



215.9610, 39.2940, -7.2820



214.2840, 48.5100, -9.1060



237.6580, 26.1850, -28.5270



119.9960, 5.8230, -0.9050



118.7330, 83.4940, -15.3700



38.1970, 27.0060, -4.8500

Inverse Universe

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



193.0390, -39.2940, 7.2820



185.7160, -48.5100, 9.1060



171.3420, -26.1850, 28.5270



117.0040, -5.8230, 0.9050



70.2670, -83.4940, 15.3700



22.8030, -27.0060, 4.8500

Previews

White Background



This preview shows how the YIQ color 215.9610, 39.2940, -7.2820 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 215.9610, 39.2940, -7.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

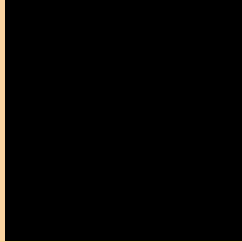
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.9610, 39.2940, -7.2820

Background



This preview shows how black text looks on a background with the YIQ color 215.9610, 39.2940, -7.2820.



This preview shows how white text looks on a background with the YIQ color 215.9610, 39.2940,

-7.2820.

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

215.9610, 39.2940, -7.2820

Protanopia

214.7420, 26.5490, -13.0910

Deuteranopia

216.6950, 43.0990, -4.6530



Tritanopia

219.6710, 26.4520, 16.2120

Trichromacy



Original Color

215.9610, 39.2940, -7.2820

Protanomaly

215.2480, 30.9960, -11.0840

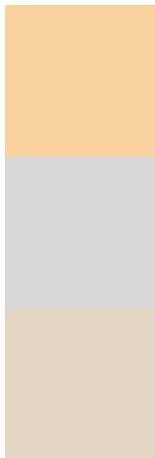
Deuteranomaly

216.6840, 41.6320, -5.6000

Tritanomaly

218.4400, 31.1760, 7.6880

Monochromacy



Original Color

215.9610, 39.2940, -7.2820

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.1340, 14.1220, -2.6300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.9610, 39.2940, -7.2820 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(249, 210, 160)` looks like.

```
.text, #text, p{  
    color:rgb(249, 210, 160)  
}
```

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(249, 210, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 210, 160) }
```

Border

The CSS property to change the border of an element to YIQ 215.9610, 39.2940, -7.2820 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(249, 210, 160) }
```


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

```
.border{ border-color:rgb(249, 210, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 210, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 210, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 210, 160);  
box-shadow:4px 4px 4px 4px rgb(249, 210,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 215.9610, 39.2940, -7.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 210, 160) }
```

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

```
.background{ background-color: rgb(249,  
210, 160) }
```

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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