

Converting Colors

YIQ(182.3240, 69.3690, 3.8410)

Have a look what the booklet for
YIQ(182.3240, 69.3690, 3.8410)
contains.

YIQ(182.3240, 69.3690, 3.8410)	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(182.3240, 69.3690,
3.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA170
RGB	251, 161, 112
RGB Percent	98%, 63%, 44%
CMY	0.0155, 0.3687, 0.5605
CMYK	0.00, 0.36, 0.55, 0.02
HSL	21°, 95%, 71%
HSV	21°, 55%, 98%
XYZ	55.4679, 47.1660, 21.5330
YIQ	182.3240, 69.3690, 3.8410

Conversions

Conversions Part 2

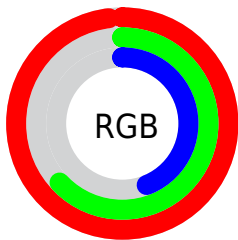
Format	Color
R_{YB}	251, 188, 112
Decimal	16490864
CIE _{Lab}	74.30, 28.63, 39.16
CIE _{LCh}	74, 48.508, 53.831
Yxy	47.1660, 0.4467, 0.3799
Android (android.graphics.Color)	4294680944 (0xFFFB170)
YUV	182.3240, -34.6697, 60.2289
Hunter-Lab	68.6775, 23.9810, 29.4846

Details

The YIQ color **182.3240, 69.3690, 3.8410** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **180.6760, -69.3690, -3.8410**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.8470, 39.6150, -7.5930**, and **128.2740, 63.6380, 3.0780** is the 20% darker color. If you saturate the color by 10%, you get **170.0820, 81.7940, 4.4340**, and if you desaturate by 10%, it is **194.5660, 56.9440, 3.2480**.

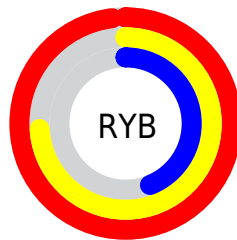
Distribution



Red (98%)

Green (63%)

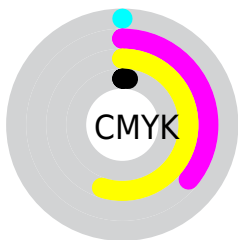
Blue (44%)



Red (98%)

Yellow (74%)

Blue (44%)

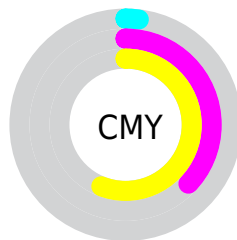


Cyan (0%)

Magenta (36%)

Yellow (55%)

Black (2%)



Cyan (2%)

Magenta (37%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.3240, 69.3690, 3.8410 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 182.3240, 69.3690, 3.8410 by changing the saturation by 10% instead.

 182.3240, 69.3690,
3.8410


 182.3240, 69.3690,
3.8410

255.0000, -0.0000,
-0.0000


 154.6550, 66.9390,
3.8270


 221.8470, 39.6150,
-7.5930


 128.2740, 63.6380,
3.0780


 241.9480, 22.9730,
-14.3630


 101.8930, 60.3370,
2.3290

 251.0100, 11.2350,
-10.8850

 76.5120, 57.0360,
1.5800

 254.3160, 1.9260,
-1.8660

 52.2280, 52.0840,
3.2200

 29.7680, 41.9960,
9.8360

 14.6510, 29.2040,

10.3880

■ 3.2890, 6.5560,
2.3320

■ 0.0000, 0.0000,
0.0000

■ 182.3240, 69.3690,
3.8410

■ 182.3240, 69.3690,
3.8410

■ 170.0820, 81.7940,
4.4340

■ 194.5660, 56.9440,
3.2480

■ 157.2530, 94.4940,
5.5500

■ 207.3950, 44.2440,
2.1320

■ 145.0110,
106.9190, 6.1430

■ 219.6370, 31.8190,
1.5390

■ 132.7690,
119.3440, 6.7360

■ 231.9930, 19.0730,
1.2570

126.7050,
125.3960, 7.1880

244.2350, 6.6480,
0.6640

253.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



180.6940, 63.1760, 22.4720



182.3240, 69.3690, 3.8410



179.6830, 51.4000, -17.4320

Triad

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



182.3240, 69.3690, 3.8410



151.6040, -88.3430, -45.4550



183.2230, -27.4680, 24.2440

Complementary

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



182.3240, 69.3690, 3.8410



180.6760, -69.3690, -3.8410

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.



166.6130, -82.2530, -1.6210



182.3240, 69.3690, 3.8410



145.0730, -126.0320, -39.7280

Square

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



182.3240, 69.3690, 3.8410



168.1710, -23.9720, -39.1400



146.9430, -136.8090, -26.1290



188.1210, 17.2780, 39.3100

Rectangle

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



182.3240, 69.3690, 3.8410



177.2950, 31.6410, -28.2870



146.9430, -136.8090, -26.1290



178.9820, -43.1470, 16.5410

Sweetspot

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



182.3240, 69.3690, 3.8410



233.6620, 21.5030, 1.2710



163.8210, 53.9540, 57.4580



115.0570, 13.0210, 0.8050



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.



182.3240, 69.3690, 3.8410



171.8650, 83.9030, 4.7590



222.8270, 50.3940, -32.2460



118.8220, 6.3730, 0.1410



95.2530, 94.4940, 5.5500



31.1530, 30.3060, 1.4260

Inverse Universe

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



180.6760, -69.3690, -3.8410



170.1350, -83.9030, -4.7590



140.1730, -50.3940, 32.2460



118.7650, -6.6480, -0.6640



93.1600, -94.2190, -5.0270



30.4340, -30.5810, -1.9490

Previews

White Background



This preview shows how the YIQ color 182.3240, 69.3690, 3.8410 looks on a white background.

Color Contrast Check

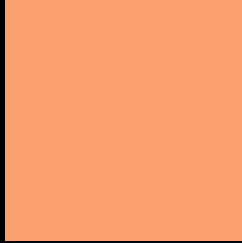
Large Text (above 18pt) WCAG AA × Fail

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 182.3240, 69.3690, 3.8410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

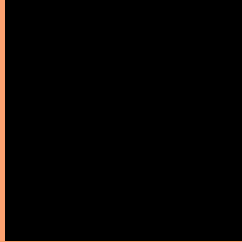
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 182.3240, 69.3690, 3.8410

Background



This preview shows how black text looks on a background with the YIQ color 182.3240, 69.3690, 3.8410.



This preview shows how white text looks on a background with the YIQ color 182.3240, 69.3690,

3.8410.

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

182.3240, 69.3690, 3.8410

Protanopia

180.7160, 29.4380, -15.8900

Deuteranopia

181.5290, 49.1980, -10.5620



Tritanopia

185.5670, 56.3440, 25.1440

Trichromacy



Original Color

182.3240, 69.3690, 3.8410

Protanomaly

181.3590, 43.9250, -8.6110

Deuteranomaly

181.9970, 56.8080, -5.3040

Tritanomaly

184.7490, 61.3430, 17.1430

Monochromacy



Original Color

182.3240, 69.3690, 3.8410

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

181.9290, 25.1250, 1.7090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.3240, 69.3690, 3.8410 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, 161, 112)` looks like.

```
.text, #text, p{  
    color:rgb(251, 161, 112)  
}
```

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, 161, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 161, 112) }
```

Border

The CSS property to change the border of an element to YIQ 182.3240, 69.3690, 3.8410 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, 161, 112) }
```


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

```
.border{ border-color:rgb(251, 161, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 161, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 161, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 161, 112);  
box-shadow:4px 4px 4px 4px rgb(251, 161,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 182.3240, 69.3690, 3.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 161, 112) }
```

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

```
.background{ background-color: rgb(251,  
161, 112) }
```

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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