

Converting Colors

YIQ(199.7510, 40.6660, 11.9140)

Have a look what the booklet for
YIQ(199.7510, 40.6660, 11.9140)
contains.

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Color

**YIQ(199.7510, 40.6660,
11.9140)**

Conversions

Conversions Part 1	
Format	Color
Hex	F6B5AF
RGB	246, 181, 175
RGB Percent	96%, 71%, 69%
CMY	0.0351, 0.2903, 0.3136
CMYK	0.00, 0.26, 0.29, 0.04
HSL	5°, 80%, 83%
HSV	5°, 29%, 96%
XYZ	62.2799, 55.7332, 48.0543
YIQ	199.7510, 40.6660, 11.9140

Conversions

Conversions Part 2

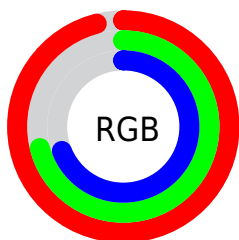
Format	Color
RYB	246, 182, 175
Decimal	16168367
CIELab	79.46, 22.81, 12.32
CIELCh	79, 25.923, 28.368
Yxy	55.7332, 0.3750, 0.3356
Android (android.graphics.Color)	4294358447 (0xFFFF6B5AF)
YUV	199.7510, -12.2022, 40.5604
Hunter-Lab	74.6547, 18.2660, 14.0940

Details

The YIQ color **199.7510, 40.6660, 11.9140** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **221.2490, -40.6660, -11.9140**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **241.6980, 12.6540, 1.9500**, and **145.3700, 37.3650, 11.1650** is the 20% darker color. If you saturate the color by 10%, you get **183.4000, 55.0160, 16.1680**, and if you desaturate by 10%, it is **216.1020, 26.3160, 7.6600**.

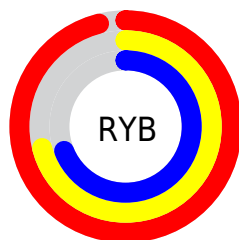
Distribution



Red (96%)

Green (71%)

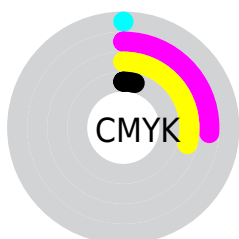
Blue (69%)



Red (96%)

Yellow (71%)

Blue (69%)

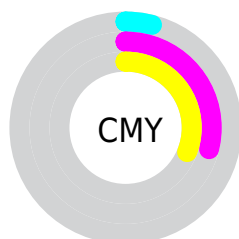


Cyan (0%)

Magenta (26%)

Yellow (29%)

Black (4%)



Cyan (4%)

Magenta (29%)


Yellow (31%)


Brightness & Saturation

Gradients


These gradients show how the YIQ color 199.7510, 40.6660, 11.9140 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 199.7510, 40.6660, 11.9140 by changing the saturation by 10% instead.


 199.7510, 40.6660,
11.9140


 199.7510, 40.6660,
11.9140


255.0000, -0.0000,
-0.0000

 172.1530, 39.4740,
11.4900


 241.6980, 12.6540,
1.9500

 145.3700, 37.3650,
11.1650

 118.8860, 35.8520,
11.0520


 93.9890, 34.0640,
10.4160


 69.5050, 32.5510,
10.3030


 46.4230, 29.8460,
9.7660


 22.7110, 28.9750,

9.0310


 10.2800, 19.9430,
7.5190

 0.0000, 0.0000,
0.0000


 199.7510, 40.6660,
11.9140


 199.7510, 40.6660,
11.9140


 183.4000, 55.0160,
16.1680

 216.1020, 26.3160,
7.6600

 167.7500, 68.7700,
20.2100

 231.7520, 12.5620,
3.6180

 151.3990, 83.1200,
24.4640

 248.1030, -1.7880,
-0.6360

 135.7490, 96.8740,
28.5060

 252.3090, -5.3640,
-1.9080

■ 119.3980,
111.2240, 32.7600

■ 103.6340,
125.2990, 36.4910

■ 87.3970, 139.3280,
41.0560

■ 85.8810, 140.8410,
41.1690

Harmonies

Analogous

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



201.0030, 31.4490, 19.2650



199.7510, 40.6660, 11.9140



198.2310, 38.8340, 1.0580

Triad

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



199.7510, 40.6660, 11.9140



190.3270, -14.9430, -21.0470



194.3770, -34.4340, 7.3100

Complementary

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



199.7510, 40.6660, 11.9140



221.2490, -40.6660, -11.9140

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.



189.2020, -50.4790, -4.7750



199.7510, 40.6660, 11.9140



187.6480, -37.7760, -20.2400

Square

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



199.7510, 40.6660, 11.9140



192.9400, 8.2560, -17.4720



186.5080, -51.7610, -14.5850



198.8640, -10.6400, 16.6240

Rectangle

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



199.7510, 40.6660, 11.9140



196.7800, 32.5540, -6.2780



186.5080, -51.7610, -14.5850



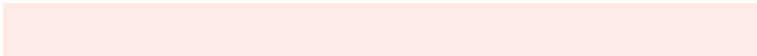
192.7350, -41.4940, 3.0980

Sweetspot

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



199.7510, 40.6660, 11.9140



240.0510, 13.1580, 3.8300



203.6390, 21.4510, 35.2670



118.6590, 8.3900, 2.1340



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.



199.7510, 40.6660, 11.9140



196.7200, 51.1190, 15.2070



220.2960, 31.0410, -6.3910



114.1750, 6.8770, 2.0210



65.0060, 106.4560, 31.0640



20.5760, 33.7890, 9.8930

Inverse Universe

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



221.2490, -40.6660, -11.9140



224.2800, -51.1190, -15.2070



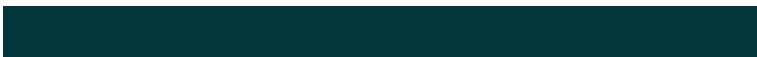
200.7040, -31.0410, 6.3910



117.8250, -6.8770, -2.0210



121.5810, -106.7310, -31.5870



38.4240, -33.7890, -9.8930

Previews

White Background



This preview shows how the YIQ color 199.7510, 40.6660, 11.9140 looks on a white background.

Color Contrast Check

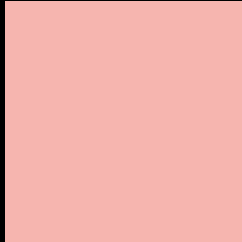
Large Text (above 18pt) WCAG AA × Fail

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 199.7510, 40.6660, 11.9140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

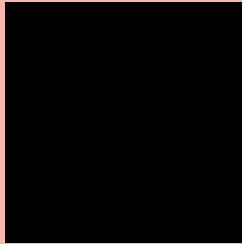
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.7510, 40.6660, 11.9140

Background



This preview shows how black text looks on a background with the YIQ color 199.7510, 40.6660, 11.9140.



This preview shows how white text looks on a background with the YIQ color 199.7510, 40.6660,

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

199.7510, 40.6660, 11.9140

Protanopia

196.9100, 8.9410, -2.3470

Deuteranopia

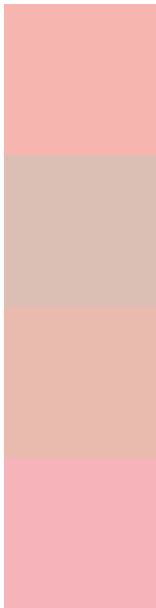
198.5270, 26.3170, 2.1330



Tritanopia

200.5260, 37.2260, 19.1940

Trichromacy



Original Color
199.7510, 40.6660, 11.9140

Protanomaly
198.1180, 20.2190, 2.5150

Deuteranomaly
199.2720, 31.5890, 5.7090

Tritanomaly
200.1300, 38.2810, 16.5930

Monochromacy



Original Color
199.7510, 40.6660, 11.9140

Achromatopsia
200.0000, -0.0000, -0.0000

Achromatomaly
199.9480, 14.9460, 4.4660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.7510, 40.6660, 11.9140 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(246, 181, 175) looks like.

```
.text, #text, p{  
    color:rgb(246, 181, 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(246, 181, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 181, 175) }
```

Border

The CSS property to change the border of an element to YIQ 199.7510, 40.6660, 11.9140 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(246, 181, 175) }
```

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

```
.border{ border-color:rgb(246, 181, 175) }
```

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

Here you see how a box with a 4 pixel rgb(246, 181, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 181, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 181, 175);  
box-shadow:4px 4px 4px 4px rgb(246, 181,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 199.7510, 40.6660, 11.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 181, 175) }
```

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

```
.background{ background-color: rgb(246,  
181, 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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