

Converting Colors

YIQ(215.7150, 40.3470, 1.1710)

Have a look what the booklet for
YIQ(215.7150, 40.3470, 1.1710)
contains.

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Color

**YIQ(215.7150, 40.3470,
1.1710)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCAD
RGB	255, 204, 173
RGB Percent	100%, 80%, 68%
CMY	0.0000, 0.2001, 0.3214
CMYK	0.00, 0.20, 0.32, 0.00
HSL	23°, 100%, 84%
HSV	23°, 32%, 100%
XYZ	70.3751, 67.4544, 48.8698
YIQ	215.7150, 40.3470, 1.1710

Conversions

Conversions Part 2

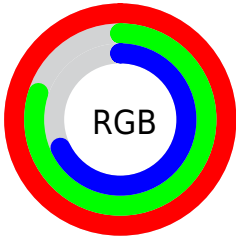
Format	Color
R _Y B	255, 223, 173
Decimal	16764077
CIE Lab	85.73, 13.83, 22.27
CIE LCh	86, 26.220, 58.154
Yxy	67.4544, 0.3769, 0.3613
Android (android.graphics.Color)	4294954157 (0xFFFFCCAD)
YUV	215.7150, -21.0585, 34.4529
Hunter-Lab	82.1307, 9.2223, 22.2124

Details

The YIQ color **215.7150, 40.3470, 1.1710** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **212.2850, -40.3470, -1.1710**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.0360, 8.3460, -8.0860**, and **160.7470, 37.3210, 0.9450** is the 20% darker color. If you saturate the color by 10%, you get **203.4730, 52.7720, 1.7640**, and if you desaturate by 10%, it is **228.0710, 27.6010, 0.8890**.

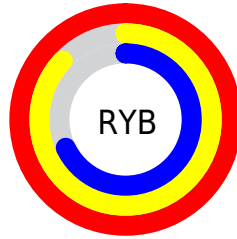
Distribution



Red (100%)

Green (80%)

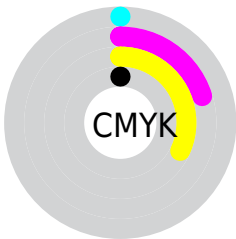
Blue (68%)



Red (100%)

Yellow (87%)

Blue (68%)

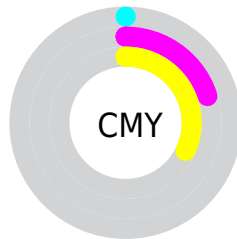


Cyan (0%)

Magenta (20%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 215.7150, 40.3470, 1.1710 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 215.7150, 40.3470, 1.1710 by changing the saturation by 10% instead.

 215.7150, 40.3470,
1.1710


 215.7150, 40.3470,
1.1710


255.0000, -0.0000,
-0.0000


 188.1170, 39.1550,
0.7470


 252.0360, 8.3460,
-8.0860

 160.7470, 37.3210,
0.9450

 134.2630, 35.8080,
0.8320

 108.4800, 33.6990,
0.5070

 83.9960, 32.1860,
0.3940

 60.2130, 30.0770,
0.0690

 37.6750, 28.6560,

-1.7120

■ 17.2430, 21.3650,
3.7730

■ 0.0000, 0.0000,
0.0000

■ 215.7150, 40.3470,
1.1710

■ 215.7150, 40.3470,
1.1710

■ 203.4730, 52.7720,
1.7640

■ 228.0710, 27.6010,
0.8890

■ 191.1170, 65.5180,
2.0460

■ 240.3130, 15.1760,
0.2960

■ 178.8750, 77.9430,
2.6390

■ 252.6690, 2.4300,
0.0140

■ 166.5190, 90.6890,
2.9210

■ 255.0000, -0.0000,
-0.0000

■ 154.8640,
102.8390, 2.9910

■ 142.5080,
115.5850, 3.2730

■ 132.5970,
125.5800, 3.8520

Harmonies

Analogous

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



214.3590, 35.8980, 10.2180



215.7150, 40.3470, 1.1710



213.5190, 28.7950, -9.7410

Triad

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



215.7150, 40.3470, 1.1710



204.3490, -38.3720, -20.4520



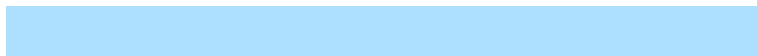
216.6360, -9.9980, 16.0020

Complementary

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



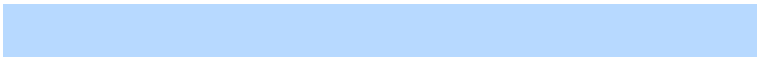
215.7150, 40.3470, 1.1710



212.2850, -40.3470, -1.1710

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.



211.1660, -32.4620, 4.6100



215.7150, 40.3470, 1.1710



203.9100, -52.9530, -15.0090

Square

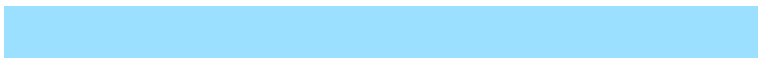
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.7150, 40.3470, 1.1710



207.8000, -14.8970, -21.8810



206.9030, -51.0750, -4.9870



218.7160, 13.3840, 21.7680

Rectangle

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



215.7150, 40.3470, 1.1710



211.3000, 16.0500, -15.5500



206.9030, -51.0750, -4.9870



214.2220, -17.7000, 12.4120

Sweetspot

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



215.7150, 40.3470, 1.1710



242.7580, 12.4250, 0.5930



203.4460, 32.1800, 33.5560



120.3060, 7.8860, 0.2540



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.



215.7150, 40.3470, 1.1710



207.3200, 48.8290, 1.6370



239.1950, 29.3470, -19.7490



121.8220, 6.3730, 0.1410



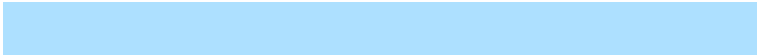
99.3730, 94.0360, 2.8360



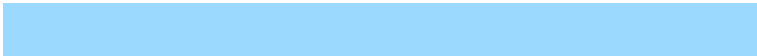
33.2240, 31.5440, 1.0160

Inverse Universe

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



212.2850, -40.3470, -1.1710



203.0930, -48.5540, -1.1140



188.8050, -29.3470, 19.7490



121.1780, -6.3730, -0.1410



91.6270, -94.0360, -2.8360



30.7760, -31.5440, -1.0160

Previews

White Background



This preview shows how the YIQ color 215.7150, 40.3470, 1.1710 looks on a white background.

Color Contrast Check

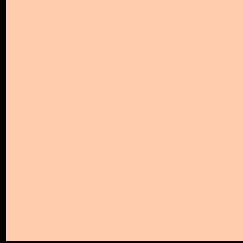
Large Text (above 18pt) WCAG AA × Fail

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 215.7150, 40.3470, 1.1710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

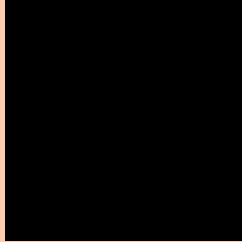
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.7150, 40.3470, 1.1710

Background



This preview shows how black text looks on a background with the YIQ color 215.7150, 40.3470, 1.1710.



This preview shows how white text looks on a background with the YIQ color 215.7150, 40.3470,

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

215.7150, 40.3470, 1.1710

Protanopia

213.7830, 19.3040, -8.4400

Deuteranopia

215.3940, 36.8170, -0.9350



Tritanopia

218.0410, 28.2860, 16.0140

Trichromacy



Original Color

215.7150, 40.3470, 1.1710

Protanomaly

214.1970, 27.0060, -4.8500

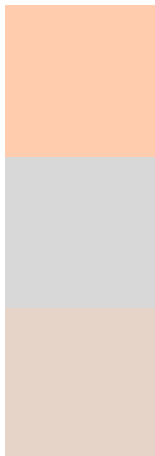
Deuteranomaly

215.4050, 38.2840, 0.0120

Tritanomaly

216.9180, 32.8260, 10.8260

Monochromacy



Original Color

215.7150, 40.3470, 1.1710

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.0140, 14.5800, 0.0840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.7150, 40.3470, 1.1710 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(255, 204, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 173)  
}
```

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(255, 204, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 173) }
```

Border

The CSS property to change the border of an element to YIQ 215.7150, 40.3470, 1.1710 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(255, 204, 173) }
```


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

```
.border{ border-color:rgb(255, 204, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 215.7150, 40.3470, 1.1710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 173) }
```

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

```
.background{ background-color: rgb(255,  
204, 173) }
```

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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