

Converting Colors

YIQ(212.7170, 46.0330, -2.7590)

Have a look what the booklet for
YIQ(212.7170, 46.0330, -2.7590)
contains.

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Color

**YIQ(212.7170, 46.0330,
-2.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCA9D
RGB	255, 202, 157
RGB Percent	100%, 79%, 62%
CMY	0.0000, 0.2079, 0.3841
CMYK	0.00, 0.21, 0.38, 0.00
HSL	28°, 100%, 81%
HSV	28°, 38%, 100%
XYZ	68.4458, 65.9268, 41.0408
YIQ	212.7170, 46.0330, -2.7590

Conversions

Conversions Part 2

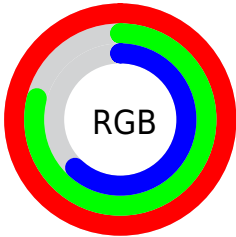
Format	Color
R _Y B	255, 240, 157
Decimal	16763549
CIE Lab	84.96, 13.00, 29.60
CIE LCh	85, 32.325, 66.289
Yxy	65.9268, 0.3902, 0.3758
Android (android.graphics.Color)	4294953629 (0xFFFFCA9D)
YUV	212.7170, -27.4685, 37.0822
Hunter-Lab	81.1953, 8.3797, 26.8681

Details

The YIQ color $212.7170, 46.0330, -2.7590$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $199.2830, -46.0330, 2.7590$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.0980, 13.8030, -13.3730$, and $157.7490, 43.0070, -2.9850$ is the 20% darker color. If you saturate the color by 10%, you get $201.6490, 57.9080, -3.2120$, and if you desaturate by 10%, it is $223.8990, 33.8370, -1.9950$.

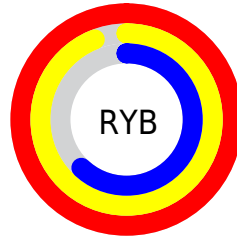
Distribution



Red (100%)

Green (79%)

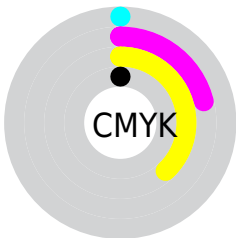
Blue (62%)



Red (100%)

Yellow (94%)

Blue (62%)

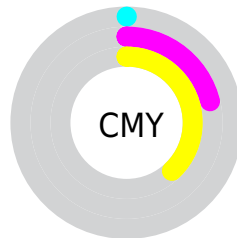


Cyan (0%)

Magenta (21%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 212.7170, 46.0330, -2.7590 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 212.7170, 46.0330, -2.7590 by changing the saturation by 10% instead.


 212.7170, 46.0330,
-2.7590

 212.7170, 46.0330,
-2.7590


255.0000, -0.0000,
-0.0000


 185.2330, 44.5200,
-2.8720


 250.0980, 13.8030,
-13.3730


 157.7490, 43.0070,
-2.9850

 253.2900, 4.8150,
-4.6650

 131.0800, 40.5770,
-2.9990

 105.5960, 39.0640,
-3.1120

 80.6280, 36.0380,
-3.3380

 57.3180, 33.9750,
-4.4970

 35.5610, 28.9770,

-2.0230

■ 15.1720, 20.1270,
4.1830

■ 0.0000, 0.0000,
0.0000

■ 212.7170, 46.0330,
-2.7590

■ 212.7170, 46.0330,
-2.7590

■ 201.6490, 57.9080,
-3.2120

■ 223.8990, 33.8370,
-1.9950

■ 190.4670, 70.1040,
-3.9760

■ 234.9670, 21.9620,
-1.5420

■ 179.9860, 81.7040,
-4.9520

■ 245.5620, 10.0410,
-0.2550

■ 168.8040, 93.9000,
-5.7160

■ 255.0000, -0.0000,
-0.0000

■ 157.7360,
105.7750, -6.1690

■ 146.5540,
117.9710, -6.9330

■ 144.9240,
119.8050, -7.1310

Harmonies

Analogous

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



209.7140, 42.0880, 8.1680



212.7170, 46.0330, -2.7590



209.8300, 29.1170, -15.5790

Triad

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



212.7170, 46.0330, -2.7590



197.8460, -56.0690, -24.6210



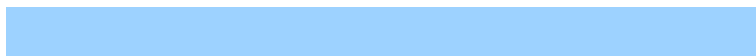
214.9190, -3.3050, 21.3590

Complementary

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



212.7170, 46.0330, -2.7590



199.2830, -46.0330, 2.7590

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.



208.8180, -31.3620, 6.7020



212.7170, 46.0330, -2.7590



197.5750, -71.0630, -17.1990

Square

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



212.7170, 46.0330, -2.7590



202.1080, -27.6880, -26.8560



201.5430, -58.8690, -6.9090



216.5540, 22.8280, 26.8280

Rectangle

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



212.7170, 46.0330, -2.7590



208.0450, 12.1540, -22.0380



201.5430, -58.8690, -6.9090



213.3800, -12.1530, 16.5110

Sweetspot

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



212.7170, 46.0330, -2.7590



241.4870, 14.6260, -0.7500



192.4580, 41.0740, 37.5700



120.0780, 8.5280, -0.3680



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.



212.7170, 46.0330, -2.7590



204.6810, 54.8820, -3.4380



240.8930, 32.8330, -27.8630



122.4090, 6.0980, -0.3820



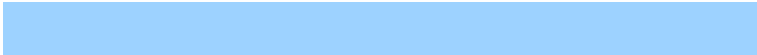
108.7650, 89.6360, -5.5320



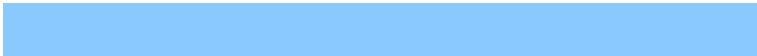
36.1590, 30.1690, -1.5990

Inverse Universe

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



199.2830, -46.0330, 2.7590



188.3190, -54.8820, 3.4380



171.1070, -32.8330, 27.8630



120.5910, -6.0980, 0.3820



82.8220, -89.9110, 5.0090



27.8410, -30.1690, 1.5990

Previews

White Background



This preview shows how the YIQ color 212.7170, 46.0330, -2.7590 looks on a white background.

Color Contrast Check

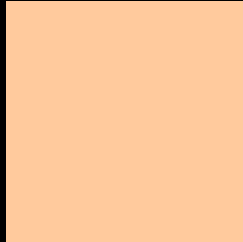
Large Text (above 18pt) WCAG AA × Fail

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 212.7170, 46.0330, -2.7590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

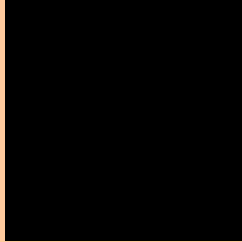
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.7170, 46.0330, -2.7590

Background



This preview shows how black text looks on a background with the YIQ color 212.7170, 46.0330, -2.7590.



This preview shows how white text looks on a background with the YIQ color 212.7170, 46.0330, -2.7590.

-2.7590.

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

212.7170, 46.0330, -2.7590

Protanopia

210.7850, 24.9900, -12.3700

Deuteranopia

212.6950, 43.0990, -4.6530



Tritanopia

215.8240, 30.3950, 16.3390

Trichromacy



Original Color

212.7170, 46.0330, -2.7590

Protanomaly

211.1990, 32.6920, -8.7800

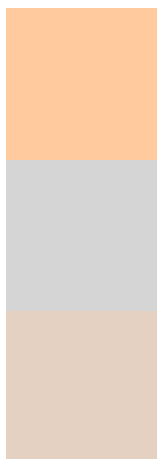
Deuteranomaly

212.4070, 43.9700, -3.9180

Tritanomaly

214.8320, 35.9440, 9.3840

Monochromacy



Original Color

212.7170, 46.0330, -2.7590

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.8570, 16.4600, -0.9480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.7170, 46.0330, -2.7590 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, 202, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 157)  
}
```

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, 202, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 157) }
```

Border

The CSS property to change the border of an element to YIQ 212.7170, 46.0330, -2.7590 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, 202, 157) }
```


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

```
.border{ border-color:rgb(255, 202, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 202, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 202, 157); box-shadow:4px 4px 4px 4px rgb(255, 202, 157) }
```

Background

The CSS property to change the background color of an element to YIQ 212.7170, 46.0330, -2.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 157) }
```

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

```
.background{ background-color: rgb(255,  
202, 157) }
```

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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