

Converting Colors

YIQ(221.2940, 42.5500,
-11.2260)

Have a look what the booklet for
YIQ(221.2940, 42.5500, -11.2260)
contains.

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Color

**YIQ(221.2940, 42.5500,
-11.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD99B
RGB	255, 217, 155
RGB Percent	100%, 85%, 61%
CMY	0.0000, 0.1491, 0.3919
CMYK	0.00, 0.15, 0.39, 0.00
HSL	37°, 100%, 80%
HSV	37°, 39%, 100%
XYZ	71.9697, 73.2458, 41.3793
YIQ	221.2940, 42.5500, -11.2260

Conversions

Conversions Part 2

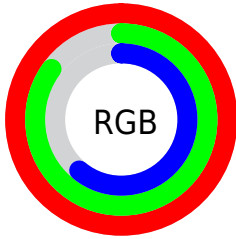
Format	Color
R _Y B	216, 255, 155
Decimal	16767387
CIE Lab	88.56, 5.02, 35.42
CIE LCh	89, 35.770, 81.934
Yxy	73.2458, 0.3857, 0.3925
Android (android.graphics.Color)	4294957467 (0xFFFFD99B)
YUV	221.2940, -32.6829, 29.5602
Hunter-Lab	85.5838, 0.3340, 31.2422

Details

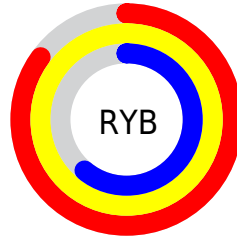
The YIQ color $221.2940, 42.5500, -11.2260$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $188.7060, -42.5500, 11.2260$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.8700, 14.4450, -13.9950$, and $165.7390, 39.7990, -10.9290$ is the 20% darker color. If you saturate the color by 10%, you get $212.5740, 53.3250, -13.7710$, and if you desaturate by 10%, it is $230.1280, 31.4540, -8.3700$.

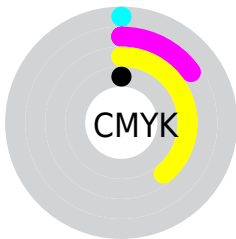
Distribution



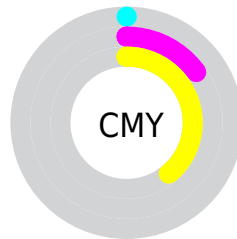
- Red (100%)
- Green (85%)
- Blue (61%)



- Red (85%)
- Yellow (100%)
- Blue (61%)



- Cyan (0%)
- Magenta (15%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 221.2940, 42.5500, -11.2260 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 221.2940, 42.5500, -11.2260 by changing the saturation by 10% instead.


 221.2940, 42.5500,
-11.2260


 221.2940, 42.5500,
-11.2260


255.0000, -0.0000,
-0.0000


 193.2230, 41.3120,
-10.8160


 249.8700, 14.4450,
-13.9950


 165.7390, 39.7990,
-10.9290

 253.1760, 5.1360,
-4.9760

 138.9560, 37.6900,
-11.2540

 113.4720, 36.1770,
-11.3670

 88.6890, 34.0680,
-11.6920

 63.9770, 33.1970,
-12.4270

 43.4910, 25.9980,

-8.6100

■ 24.2760, 16.5980,
-3.4500

■ 0.0000, 0.0000,
0.0000

■ 221.2940, 42.5500,
-11.2260

■ 221.2940, 42.5500,
-11.2260

■ 212.5740, 53.3250,
-13.7710

■ 230.1280, 31.4540,
-8.3700

■ 204.3270, 64.1460,
-17.1500

■ 238.2610, 20.9540,
-5.3020

■ 195.6070, 74.9210,
-19.6950

■ 247.0950, 9.8580,
-2.4460

■ 186.7730, 86.0170,
-22.5510

■ 255.0000, -0.0000,
-0.0000

■ 178.6400, 96.5170,
-25.6190

■ 169.8060,
107.6130, -28.4750

■ 168.9910,
108.5300, -28.5740

Harmonies

Analogous

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



216.5470, 40.7600, -0.8080



221.2940, 42.5500, -11.2260



217.6280, 17.7020, -23.4660

Triad

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



221.2940, 42.5500, -11.2260



204.3090, -76.4260, -24.6340



225.6500, 13.7500, 26.1500

Complementary

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



221.2940, 42.5500, -11.2260



188.7060, -42.5500, 11.2260

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.



220.7340, -13.3900, 11.3940



221.2940, 42.5500, -11.2260



205.2650, -73.1260, -18.3580

Square

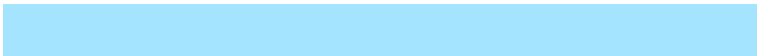
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.2940, 42.5500, -11.2260



208.3920, -49.0990, -29.7950



212.2410, -46.2150, -4.9590



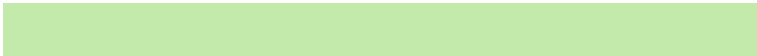
219.0330, 22.7370, 22.9690

Rectangle

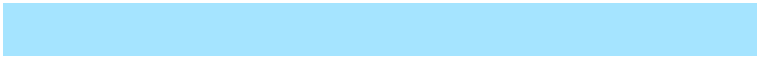
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.2940, 42.5500, -11.2260



215.1570, -3.0210, -27.8610



212.2410, -46.2150, -4.9590



224.7090, 6.0940, 21.7260

Sweetspot

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



221.2940, 42.5500, -11.2260



244.4220, 13.2510, -3.3650



189.2320, 47.4020, 33.0180



121.8390, 7.7030, -1.9370



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.



221.2940, 42.5500, -11.2260



214.3180, 51.1700, -13.2620



240.0120, 24.9480, -33.6440



123.5830, 5.5480, -1.4280



126.9620, 81.1110, -21.7450



42.6160, 27.1440, -7.3520

Inverse Universe

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



188.7060, -42.5500, 11.2260



175.6820, -51.1700, 13.2620



169.9880, -24.9480, 33.6440



119.4170, -5.5480, 1.4280



64.6250, -81.3860, 21.2220



21.3840, -27.1440, 7.3520

Previews

White Background



This preview shows how the YIQ color 221.2940, 42.5500, -11.2260 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 221.2940, 42.5500, -11.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

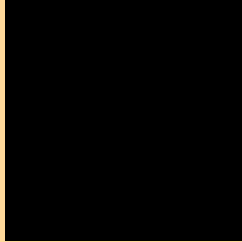
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.2940, 42.5500, -11.2260

Background



This preview shows how black text looks on a background with the YIQ color 221.2940, 42.5500, -11.2260.



This preview shows how white text looks on a background with the YIQ color 221.2940, 42.5500, -11.2260.

-11.2260.

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

221.2940, 42.5500, -11.2260

Protanopia

219.9720, 31.5930, -16.3990

Deuteranopia

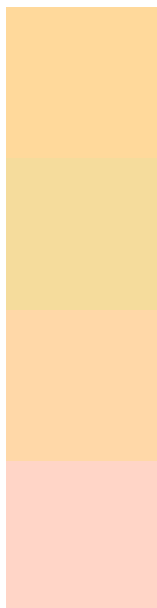
222.5140, 36.3590, -3.6490



Tritanopia

225.6380, 22.0510, 13.3710

Trichromacy



Original Color

221.2940, 42.5500, -11.2260

Protanomaly

220.1790, 35.4440, -14.6040

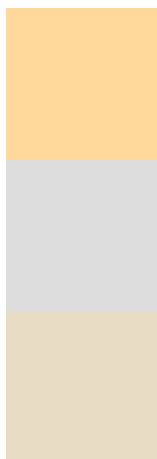
Deuteranomaly

222.1890, 38.6520, -6.6600

Tritanomaly

223.9620, 29.5260, 4.5500

Monochromacy



Original Color

221.2940, 42.5500, -11.2260

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.2650, 15.1310, -4.3970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.2940, 42.5500, -11.2260 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, 217, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 155)  
}
```

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, 217, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 155) }
```

Border

The CSS property to change the border of an element to YIQ 221.2940, 42.5500, -11.2260 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, 217, 155) }
```


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

```
.border{ border-color:rgb(255, 217, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 221.2940, 42.5500, -11.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 155) }
```

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

```
.background{ background-color: rgb(255,  
217, 155) }
```

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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