

Converting Colors

YIQ(220.5110, 40.4410,
-11.5510)

Have a look what the booklet for
YIQ(220.5110, 40.4410, -11.5510)
contains.

YIQ(220.5110, 40.4410, -11.5510) 3
Conversions 4
Details 6
Harmonies 12
Previews 24
Color Blindness Simulation 28
CSS Examples 31

Color

**YIQ(220.5110, 40.4410,
-11.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD99C
RGB	252, 217, 156
RGB Percent	99%, 85%, 61%
CMY	0.0117, 0.1491, 0.3880
CMYK	0.00, 0.14, 0.38, 0.01
HSL	38°, 94%, 80%
HSV	38°, 38%, 99%
XYZ	70.9633, 72.7177, 41.7718
YIQ	220.5110, 40.4410, -11.5510

Conversions

Conversions Part 2

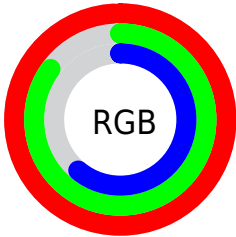
Format	Color
RYB	211, 252, 156
Decimal	16570780
CIELab	88.31, 3.97, 34.53
CIELCh	88, 34.753, 83.440
Yxy	72.7177, 0.3826, 0.3921
Android (android.graphics.Color)	4294760860 (0xFFFC99C)
YUV	220.5110, -31.8039, 27.6159
Hunter-Lab	85.2747, -0.6878, 30.6491

Details

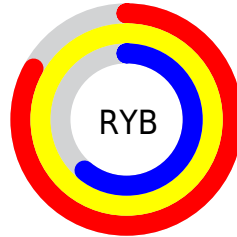
The YIQ color **220.5110, 40.4410, -11.5510** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **187.4890, -40.4410, 11.5510**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.9840, 14.1240, -13.6840**, and **164.9560, 37.6900, -11.2540** is the 20% darker color. If you saturate the color by 10%, you get **212.3780, 50.9410, -14.6190**, and if you desaturate by 10%, it is **228.6440, 29.9410, -8.4830**.

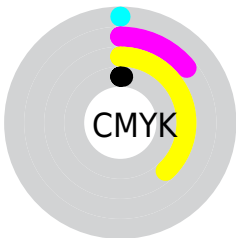
Distribution



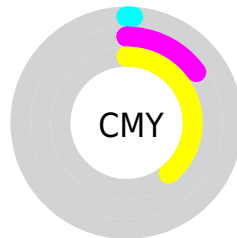
- Red (99%)
- Green (85%)
- Blue (61%)



- Red (83%)
- Yellow (99%)
- Blue (61%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)
- Black (1%)





- Cyan (1%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 220.5110, 40.4410, -11.5510 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 220.5110, 40.4410, -11.5510 by changing the saturation by 10% instead.


 220.5110, 40.4410,
-11.5510

 220.5110, 40.4410,
-11.5510


255.0000, -0.0000,
-0.0000


 192.4400, 39.2030,
-11.1410


 249.9840, 14.1240,
-13.6840


 164.9560, 37.6900,
-11.2540

 253.2900, 4.8150,
-4.6650

 138.4720, 36.1770,
-11.3670

 112.6890, 34.0680,
-11.6920

 88.2050, 32.5550,
-11.8050

 63.6070, 31.3630,
-12.2290

 42.8930, 24.8060,

-9.0340

■ 23.6780, 15.4060,
-3.8740

■ 0.0000, 0.0000,
0.0000

■ 220.5110, 40.4410,
-11.5510

■ 220.5110, 40.4410,
-11.5510

■ 212.3780, 50.9410,
-14.6190

■ 228.6440, 29.9410,
-8.4830

■ 204.2450, 61.4410,
-17.6870

■ 236.7770, 19.4410,
-5.4150

■ 195.4110, 72.5370,
-20.5430

■ 245.6110, 8.3450,
-2.5590

■ 187.2780, 83.0370,
-23.6110

■ 253.5160, -1.5130,
-0.1130

■ 179.1450, 93.5370, 254.1030, -1.7880,
-26.6790 -0.6360

■ 171.0120,
104.0370, -29.7470

■ 169.2680,
106.1920, -30.2560

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



220.5110, 40.4410, -11.5510



217.2580, 15.8680, -23.2680

Triad

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



220.5110, 40.4410, -11.5510



204.6190, -74.3630, -23.4750



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.



220.5110, 40.4410, -11.5510



187.4890, -40.4410, 11.5510

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.



220.7450, -11.9230, 12.3410



220.5110, 40.4410, -11.5510



205.5860, -69.5960, -16.2520

Square

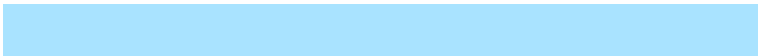
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.5110, 40.4410, -11.5510



207.9190, -49.1450, -28.9610



212.8500, -43.5560, -3.5880



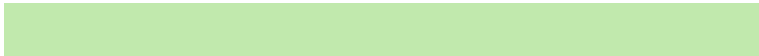
218.6910, 23.7000, 22.0360

Rectangle

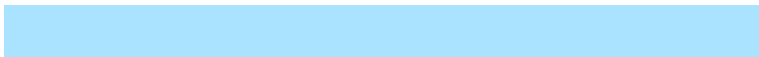
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220.5110, 40.4410, -11.5510



214.2000, -4.5800, -27.1400



212.8500, -43.5560, -3.5880



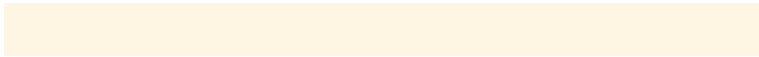
224.4210, 6.9650, 22.4610

Sweetspot

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



220.5110, 40.4410, -11.5510



245.9380, 11.7380, -3.4780



188.6940, 45.9810, 31.2370



121.9530, 7.3820, -1.6260



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.



220.5110, 40.4410, -11.5510



216.4210, 49.3820, -13.8980



237.1690, 23.0680, -32.6120



120.5830, 5.5480, -1.4280



126.9510, 79.6440, -22.6920



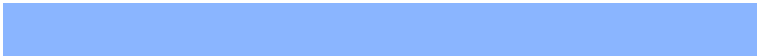
41.1320, 25.6310, -7.4650

Inverse Universe

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



187.4890, -40.4410, 11.5510



176.5790, -49.3820, 13.8980



170.8310, -23.0680, 32.6120



116.4170, -5.5480, 1.4280



62.0490, -79.6440, 22.6920



19.8680, -25.6310, 7.4650

Previews

White Background



This preview shows how the YIQ color 220.5110, 40.4410, -11.5510 looks on a white background.

Color Contrast Check

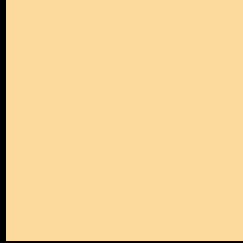
Large Text (above 18pt) WCAG AA × Fail

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 220.5110, 40.4410, -11.5510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

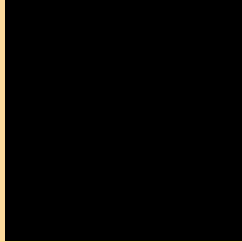
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.5110, 40.4410, -11.5510

Background



This preview shows how black text looks on a background with the YIQ color 220.5110, 40.4410, -11.5510.



This preview shows how white text looks on a background with the YIQ color 220.5110, 40.4410,

-11.5510.

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

220.5110, 40.4410, -11.5510

Protanopia

219.7870, 30.6760, -16.3000

Deuteranopia

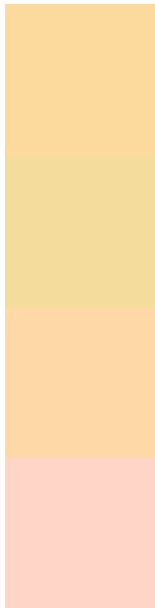
222.2860, 37.0010, -4.2710



Tritanopia

225.0510, 22.3260, 13.8940

Trichromacy



Original Color

220.5110, 40.4410, -11.5510

Protanomaly

219.9940, 34.5270, -14.5050

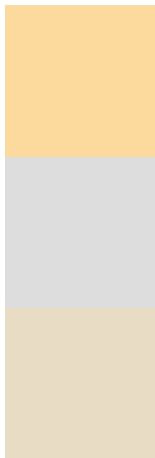
Deuteranomaly

221.7760, 38.3770, -7.1830

Tritanomaly

223.6630, 28.9300, 4.3380

Monochromacy



Original Color

220.5110, 40.4410, -11.5510

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.9660, 14.5350, -4.6090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.5110, 40.4410, -11.5510 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(252, 217, 156)` looks like.

```
.text, #text, p{  
    color:rgb(252, 217, 156)  
}
```

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(252, 217, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 217, 156) }
```

Border

The CSS property to change the border of an element to YIQ 220.5110, 40.4410, -11.5510 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(252, 217, 156) }
```


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

```
.border{ border-color:rgb(252, 217, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 217, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 217, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 217, 156);  
box-shadow:4px 4px 4px 4px rgb(252, 217,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 220.5110, 40.4410, -11.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 217, 156) }
```

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

```
.background{ background-color: rgb(252,  
217, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor