

Converting Colors

YIQ(222.1550, 44.0190,
-21.3330)

Have a look what the booklet for
YIQ(222.1550, 44.0190, -21.3330)
contains.

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Color

**YIQ(222.1550, 44.0190,
-21.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE089
RGB	251, 224, 137
RGB Percent	98%, 88%, 54%
CMY	0.0157, 0.1216, 0.4625
CMYK	0.00, 0.11, 0.45, 0.02
HSL	46°, 93%, 76%
HSV	46°, 45%, 98%
XYZ	70.9569, 75.6227, 34.5469
YIQ	222.1550, 44.0190, -21.3330

Conversions

Conversions Part 2

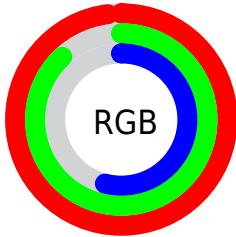
Format	Color
RYB	172, 251, 137
Decimal	16507017
CIELab	89.68, -1.95, 45.80
CIElCh	90, 45.845, 92.441
Yxy	75.6227, 0.3918, 0.4175
Android (android.graphics.Color)	4294697097 (0xFFFBE089)
YUV	222.1550, -41.9814, 25.2971
Hunter-Lab	86.9613, -6.5335, 37.3189

Details

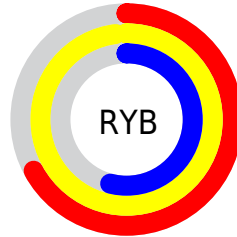
The YIQ color **222.1550, 44.0190, -21.3330** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **165.8450, -44.0190, 21.3330**, and the grayscale version is **223.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.8180, 20.2230, -19.5930**, and **166.6000, 41.2680, -21.0360** is the 20% darker color. If you saturate the color by 10%, you get **215.7830, 53.6940, -25.9700**, and if you desaturate by 10%, it is **228.5270, 34.3440, -16.6960**.

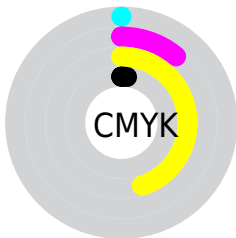
Distribution



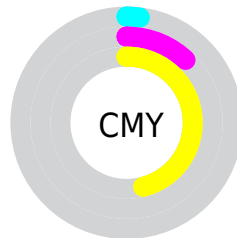
- Red (98%)
- Green (88%)
- Blue (54%)



- Red (67%)
- Yellow (98%)
- Blue (54%)



- Cyan (0%)
- Magenta (11%)
- Yellow (45%)
- Black (2%)



- Cyan (2%)
- Magenta (12%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.1550, 44.0190, -21.3330 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 222.1550, 44.0190, -21.3330 by changing the saturation by 10% instead.

222.1550, 44.0190,
-21.3330

222.1550, 44.0190,
-21.3330

255.0000, -0.0000,
-0.0000

193.7850, 42.1850,
-21.1350

247.8180, 20.2230,
-19.5930

166.6000, 41.2680,
-21.0360

251.0100, 11.2350,
-10.8850

139.8170, 39.1590,
-21.3610

254.3160, 1.9260,
-1.8660

113.3330, 37.6460,
-21.4740

87.6380, 38.1050,
-24.2870

65.3200, 30.4930,
-18.4910

44.6320, 21.0470,

-12.4970

■ 25.7160, 12.2430,
-7.1250

■ 0.0000, 0.0000,
0.0000

■ 222.1550, 44.0190,
-21.3330

■ 222.1550, 44.0190,
-21.3330

■ 215.7830, 53.6940,
-25.9700

■ 228.5270, 34.3440,
-16.6960

■ 209.4110, 63.3690,
-30.6070

■ 234.8990, 24.6690,
-12.0590

■ 203.0390, 73.0440,
-35.2440

■ 241.2710, 14.9940,
-7.4220

■ 196.6670, 82.7190,
-39.8810

■ 247.6430, 5.3190,
-2.7850

■ 190.2950, 92.3940,
-44.5180

■ 253.2170, -2.1090,
-0.3250

■ 187.7530, 96.7960,
-47.2040

■ 253.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



215.9140, 46.6760, -8.9080



222.1550, 44.0190, -21.3330



217.5140, 8.8550, -33.8410

Triad

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



222.1550, 44.0190, -21.3330



186.9050, -125.6190, -41.7070



221.5410, 15.6750, 29.8110

Complementary

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



222.1550, 44.0190, -21.3330



165.8450, -44.0190, 21.3330

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.



224.3660, -0.3700, 17.7260



222.1550, 44.0190, -21.3330



197.7460, -93.8940, -27.4460

Square

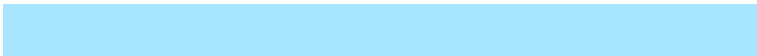
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.1550, 44.0190, -21.3330



199.9620, -86.2350, -39.6030



213.7250, -44.7020, -4.8460



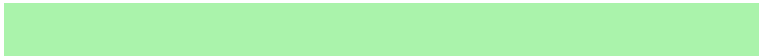
213.8980, 27.5510, 23.8310

Rectangle

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



222.1550, 44.0190, -21.3330



212.9650, -20.3960, -37.8680



213.7250, -44.7020, -4.8460



224.4760, 14.3000, 27.1960

Sweetspot

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



222.1550, 44.0190, -21.3330



246.2000, 13.7560, -7.0120



174.3920, 58.6350, 33.1870



121.9700, 8.7120, -3.7040



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.



222.1550, 44.0190, -21.3330



219.8970, 53.3730, -25.6590



229.6320, 19.9060, -41.3900



121.7570, 4.9980, -2.4740



141.0390, 73.0440, -35.2440



45.8280, 23.4310, -11.6490

Inverse Universe

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



165.8450, -44.0190, 21.3330



152.1030, -53.3730, 25.6590



158.6670, -19.3100, 41.6020



115.2430, -4.9980, 2.4740



47.9610, -73.0440, 35.2440



15.7590, -23.7060, 11.1260

Previews

White Background



This preview shows how the YIQ color 222.1550, 44.0190, -21.3330 looks on a white background.

Color Contrast Check

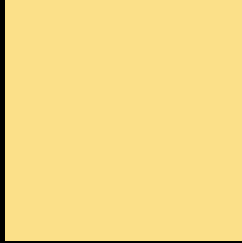
Large Text (above 18pt) WCAG AA × Fail

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 222.1550, 44.0190, -21.3330 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 222.1550, 44.0190, -21.3330

Background



This preview shows how black text looks on a background with the YIQ color 222.1550, 44.0190, -21.3330.



This preview shows how white text looks on a background with the YIQ color 222.1550, 44.0190, -21.3330.

-21.3330.

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

222.1550, 44.0190, -21.3330

Protanopia

221.9480, 40.1680, -23.1280

Deuteranopia

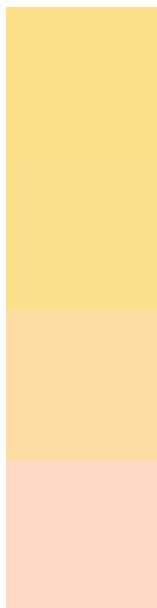
225.9050, 33.7000, -5.0200



Tritanopia

228.5560, 19.3460, 12.8340

Trichromacy



Original Color

222.1550, 44.0190, -21.3330

Protanomaly

221.9590, 41.6350, -22.1810

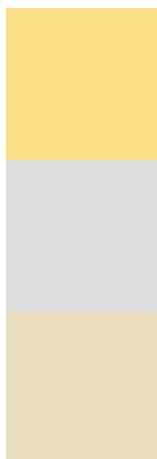
Deuteranomaly

224.3690, 37.9650, -10.7310

Tritanomaly

226.2560, 28.5180, 0.7900

Monochromacy



Original Color

222.1550, 44.0190, -21.3330

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.3420, 16.2320, -7.8320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.1550, 44.0190, -21.3330 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(251, 224, 137)` looks like.

```
.text, #text, p{  
    color:rgb(251, 224, 137)  
}
```

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(251, 224, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 224, 137) }
```

Border

The CSS property to change the border of an element to YIQ 222.1550, 44.0190, -21.3330 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(251, 224, 137) }
```


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

```
.border{ border-color:rgb(251, 224, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 224, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 224, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 224, 137);  
box-shadow:4px 4px 4px 4px rgb(251, 224,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 222.1550, 44.0190, -21.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 224, 137) }
```

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

```
.background{ background-color: rgb(251,  
224, 137) }
```

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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