

Converting Colors

YIQ(221.5650, 31.1810,
-19.9470)

Have a look what the booklet for
YIQ(221.5650, 31.1810, -19.9470)
contains.

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Color

**YIQ(221.5650, 31.1810,
-19.9470)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE299
RGB	239, 226, 153
RGB Percent	94%, 89%, 60%
CMY	0.0628, 0.1137, 0.3998
CMYK	0.00, 0.05, 0.36, 0.06
HSL	51°, 73%, 77%
HSV	51°, 36%, 94%
XYZ	68.5437, 75.0411, 41.0287
YIQ	221.5650, 31.1810, -19.9470

Conversions

Conversions Part 2

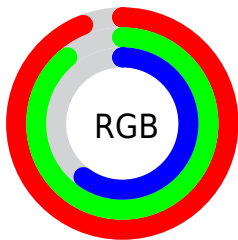
Format	Color
R_{YB}	168, 239, 153
Decimal	15721113
CIE _{Lab}	89.41, -5.98, 37.29
CIE _{LCh}	89, 37.765, 99.116
Yxy	75.0411, 0.3713, 0.4065
Android (android.graphics.Color)	4293911193 (0xFFEFE299)
YUV	221.5650, -33.8025, 15.2905
Hunter-Lab	86.6263, -10.3565, 32.5570

Details

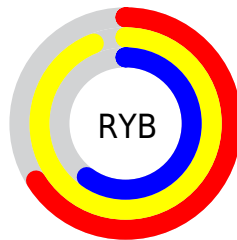
The YIQ color **221.5650, 31.1810, -19.9470** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **170.4350, -31.1810, 19.9470**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **249.6420, 15.0870, -14.6170**, and **166.3090, 29.0260, -19.4380** is the 20% darker color. If you saturate the color by 10%, you get **216.4810, 39.9850, -25.3190**, and if you desaturate by 10%, it is **226.6490, 22.3770, -14.5750**.

Distribution



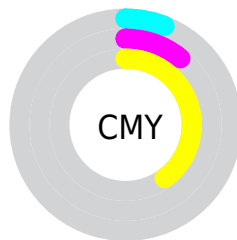
- Red (94%)
- Green (89%)
- Blue (60%)



- Red (66%)
- Yellow (94%)
- Blue (60%)



- Cyan (0%)
- Magenta (5%)
- Yellow (36%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.5650, 31.1810, -19.9470 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 221.5650, 31.1810, -19.9470 by changing the saturation by 10% instead.

■ 221.5650, 31.1810,
-19.9470

■ 221.5650, 31.1810,
-19.9470

255.0000, -0.0000,
-0.0000

■ 193.4940, 29.9430,
-19.5370

■ 249.6420, 15.0870,
-14.6170

■ 166.3090, 29.0260,
-19.4380

■ 252.9480, 5.7780,
-5.5980

■ 139.2380, 27.7880,
-19.0280

■ 113.7540, 26.2750,
-19.1410

■ 88.5690, 25.3580,
-19.0420

■ 64.6290, 25.1290,
-20.3990

■ 43.7240, 17.7920,

-14.0800

■ 24.5090, 8.3920,
-8.9200

■ 0.0000, 0.0000,
0.0000

■ 221.5650, 31.1810,
-19.9470

■ 221.5650, 31.1810,
-19.9470

■ 216.4810, 39.9850,
-25.3190

■ 226.6490, 22.3770,
-14.5750

■ 211.9840, 48.5140,
-31.2140

■ 231.1460, 13.8480,
-8.6800

■ 206.9000, 57.3180,
-36.5860

■ 236.2300, 5.0440,
-3.3080

■ 202.4030, 65.8470,
-42.4810

■ 240.7270, -3.4850,
2.5870

■ 197.4330, 74.3300,
-47.5420

■ 243.7590, -6.5110,
2.3610

■ 192.3490, 83.1340,
-52.9140

■ 246.1070, -7.6110,
0.2690

■ 190.6220, 86.6190,
-55.5010

■ 247.8680, -8.4360,
-1.3000

■ 250.2160, -9.5360,
-3.3920

Harmonies

Analogous

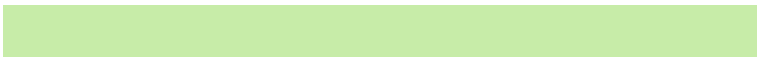
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.8750, 42.4120, -8.7240



221.5650, 31.1810, -19.9470



217.1850, -0.2240, -28.9920

Triad

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



221.5650, 31.1810, -19.9470



203.4160, -84.0370, -24.3650



222.8460, 16.1340, 26.9980

Complementary

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



221.5650, 31.1810, -19.9470



170.4350, -31.1810, 19.9470

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.



226.4700, 5.2690, 20.1570



221.5650, 31.1810, -19.9470



209.1740, -62.4440, -13.7080

Square

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



221.5650, 31.1810, -19.9470



206.1860, -71.8860, -29.8220



218.5640, -27.8310, 3.2810



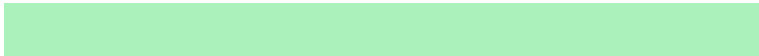
216.9810, 28.5150, 17.3710

Rectangle

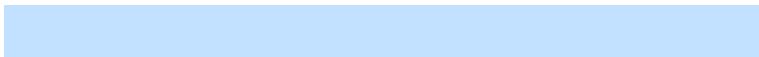
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.5650, 31.1810, -19.9470



213.9140, -24.3860, -31.6340



218.5640, -27.8310, 3.2810



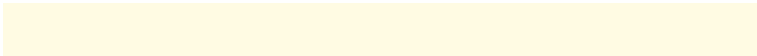
225.0630, 14.0250, 26.6730

Sweetspot

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



221.5650, 31.1810, -19.9470



249.4600, 10.0880, -6.6160



180.3100, 46.7620, 22.5860



124.3010, 6.2820, -3.7180



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.



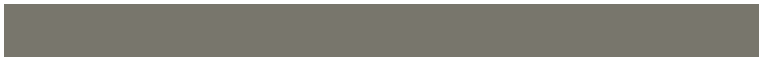
221.5650, 31.1810, -19.9470



232.4810, 39.9850, -25.3190



220.5250, 10.3220, -32.8940



117.4580, 4.4020, -2.6860



146.5880, 66.7640, -42.5800



44.9200, 20.1760, -13.2320

Inverse Universe

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



170.4350, -31.1810, 19.9470



167.5190, -39.9850, 25.3190



171.4750, -10.3220, 32.8940



110.5420, -4.4020, 2.6860



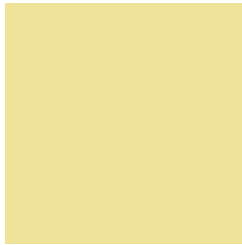
37.4120, -66.7640, 42.5800



11.0800, -20.1760, 13.2320

Previews

White Background



This preview shows how the YIQ color 221.5650, 31.1810, -19.9470 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 221.5650, 31.1810, -19.9470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

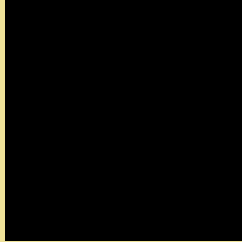
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.5650, 31.1810, -19.9470

Background



This preview shows how black text looks on a background with the YIQ color 221.5650, 31.1810, -19.9470.



This preview shows how white text looks on a background with the YIQ color 221.5650, 31.1810, -19.9470.

-19.9470.

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

221.5650, 31.1810, -19.9470

Protanopia

222.0600, 34.1610, -18.8870

Deuteranopia

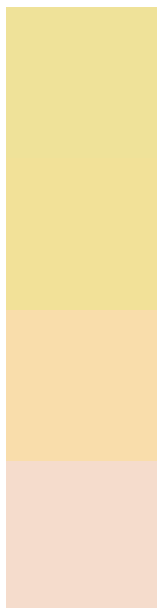
224.8450, 33.9290, -3.6630



Tritanopia

227.5060, 13.6150, 12.0710

Trichromacy



Original Color

221.5650, 31.1810, -19.9470

Protanomaly

221.7610, 33.5650, -19.0990

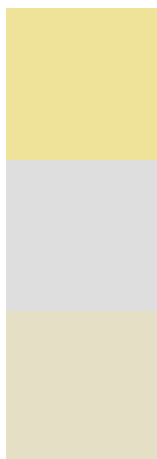
Deuteranomaly

223.6720, 32.7380, -9.6140

Tritanomaly

225.6510, 20.0360, 0.3240

Monochromacy



Original Color

221.5650, 31.1810, -19.9470

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.5310, 11.3260, -7.0260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.5650, 31.1810, -19.9470 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(239, 226, 153)` looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 153)  
}
```

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(239, 226, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 153) }
```

Border

The CSS property to change the border of an element to YIQ 221.5650, 31.1810, -19.9470 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(239, 226, 153) }
```


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

```
.border{ border-color:rgb(239, 226, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 226, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 226, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 226, 153);  
box-shadow:4px 4px 4px 4px rgb(239, 226,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 221.5650, 31.1810, -19.9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 226, 153) }
```

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

```
.background{ background-color: rgb(239,  
226, 153) }
```

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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