

Converting Colors

YIQ(220.5470, 31.5920,
-10.8720)

Have a look what the booklet for
YIQ(220.5470, 31.5920, -10.8720)
contains.

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Color

**YIQ(220.5470, 31.5920,
-10.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DBA7
RGB	244, 219, 167
RGB Percent	96%, 86%, 65%
CMY	0.0431, 0.1412, 0.3449
CMYK	0.00, 0.10, 0.32, 0.04
HSL	40°, 78%, 81%
HSV	41°, 32%, 96%
XYZ	69.6183, 72.6834, 46.9397
YIQ	220.5470, 31.5920, -10.8720

Conversions

Conversions Part 2

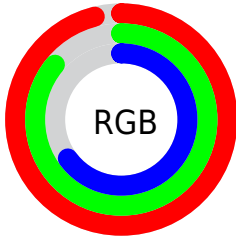
Format	Color
R_{YB}	204, 244, 167
Decimal	16047015
CIE _{Lab}	88.30, 1.16, 28.74
CIE _{LCh}	88, 28.759, 87.694
Yxy	72.6834, 0.3679, 0.3841
Android (android.graphics.Color)	4294237095 (0xFFF4DBA7)
YUV	220.5470, -26.3987, 20.5683
Hunter-Lab	85.2546, -3.4335, 27.0341

Details

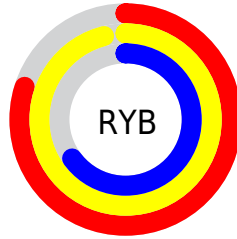
The YIQ color **220.5470, 31.5920, -10.8720** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **190.4530, -31.5920, 10.8720**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.2380, 10.5930, -10.2630**, and **165.2910, 29.4370, -10.3630** is the 20% darker color. If you saturate the color by 10%, you get **213.1150, 41.4960, -14.1520**, and if you desaturate by 10%, it is **227.9790, 21.6880, -7.5920**.

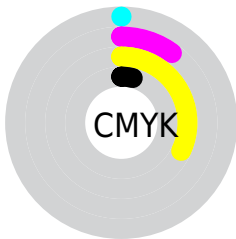
Distribution



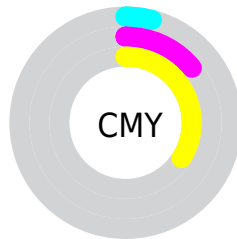
- Red (96%)
- Green (86%)
- Blue (65%)



- Red (80%)
- Yellow (96%)
- Blue (65%)



- Cyan (0%)
- Magenta (10%)
- Yellow (32%)
- Black (4%)



- Cyan (4%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.5470, 31.5920, -10.8720 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 220.5470, 31.5920, -10.8720 by changing the saturation by 10% instead.

220.5470, 31.5920,
-10.8720

220.5470, 31.5920,
-10.8720

255.0000, -0.0000,
-0.0000

192.3620, 30.6750,
-10.7730

251.2380, 10.5930,
-10.2630

165.2910, 29.4370,
-10.3630

254.5440, 1.2840,
-1.2440

138.8070, 27.9240,
-10.4760

113.3230, 26.4110,
-10.5890

88.2520, 25.1730,
-10.1790

64.6540, 23.9810,
-10.6030

42.2840, 22.1470,

-10.4050

■ 23.3680, 13.3430,
-5.0330

■ 0.0000, 0.0000,
0.0000

■ 220.5470, 31.5920,
-10.8720

■ 220.5470, 31.5920,
-10.8720

■ 213.1150, 41.4960,
-14.1520

■ 227.9790, 21.6880,
-7.5920

■ 205.5690, 51.7210,
-17.7430

■ 235.5250, 11.4630,
-4.0010

■ 198.1370, 61.6250,
-21.0230

■ 242.9570, 1.5590,
-0.7210

■ 190.5910, 71.8500,
-24.6140

■ 249.3630, -5.4560,
-0.2400

■ 183.1590, 81.7540,
-27.8940

■ 251.7110, -6.5560,
-2.3320

■ 175.7270, 91.6580,
-31.1740

■ 169.8110,
100.0490, -34.5670

Harmonies

Analogous

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



219.5790, 37.7340, -1.0340



220.5470, 31.5920, -10.8720



217.8430, 9.9070, -19.8610

Triad

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



220.5470, 31.5920, -10.8720



209.3330, -58.6380, -16.6060



226.3680, 14.4840, 23.8600

Complementary

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



220.5470, 31.5920, -10.8720



190.4530, -31.5920, 10.8720

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.



221.9520, -8.0720, 14.1360



220.5470, 31.5920, -10.8720



211.3000, -53.8710, -9.3830

Square

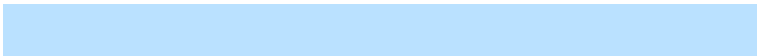
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.5470, 31.5920, -10.8720



210.6150, -42.1770, -23.0810



216.7590, -32.8740, 1.0620



220.4690, 24.2050, 18.3890

Rectangle

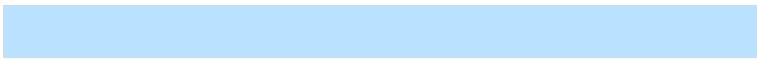
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220.5470, 31.5920, -10.8720



215.1660, -7.2400, -22.9840



216.7590, -32.8740, 1.0620



225.3070, 7.2860, 22.1500

Sweetspot

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



220.5470, 31.5920, -10.8720



248.2690, 9.3080, -3.4920



192.9870, 37.5460, 24.4100



123.3550, 6.1900, -2.0500



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.



220.5470, 31.5920, -10.8720



225.7450, 39.6620, -13.9540



231.3350, 16.9690, -26.7030



118.2840, 4.9520, -1.6400



129.5760, 76.2060, -26.4660



41.1210, 24.1640, -8.4120

Inverse Universe

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



190.4530, -31.5920, 10.8720



187.8420, -39.9370, 13.4310



179.6650, -16.9690, 26.7030



113.7160, -4.9520, 1.6400



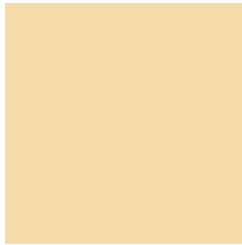
56.4240, -76.2060, 26.4660



17.8790, -24.1640, 8.4120

Previews

White Background



This preview shows how the YIQ color 220.5470, 31.5920, -10.8720 looks on a white background.

Color Contrast Check

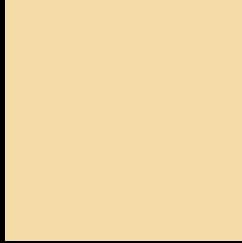
Large Text (above 18pt) WCAG AA × Fail

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 220.5470, 31.5920, -10.8720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

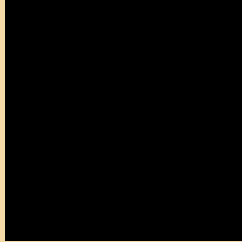
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.5470, 31.5920, -10.8720

Background



This preview shows how black text looks on a background with the YIQ color 220.5470, 31.5920, -10.8720.



This preview shows how white text looks on a background with the YIQ color 220.5470, 31.5920, -10.8720.

-10.8720.

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

220.5470, 31.5920, -10.8720

Protanopia

219.7420, 26.5490, -13.0910

Deuteranopia

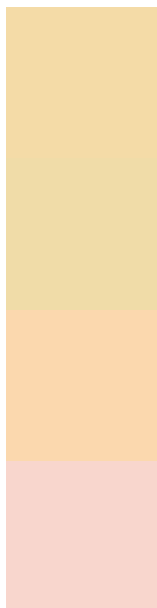
222.1550, 35.9920, -2.5040



Tritanopia

224.7840, 18.7040, 13.4560

Trichromacy



Original Color

220.5470, 31.5920, -10.8720

Protanomaly

220.0520, 28.6120, -11.9320

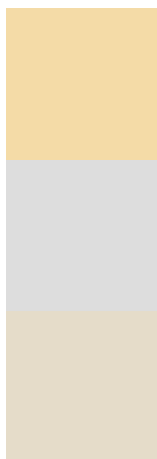
Deuteranomaly

221.6770, 34.3420, -5.6420

Tritanomaly

223.1400, 23.1530, 4.4090

Monochromacy



Original Color

220.5470, 31.5920, -10.8720

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.5250, 11.4630, -4.0010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.5470, 31.5920, -10.8720 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(244, 219, 167)` looks like.

```
.text, #text, p{  
    color:rgb(244, 219, 167)  
}
```

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(244, 219, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 219, 167) }
```

Border

The CSS property to change the border of an element to YIQ 220.5470, 31.5920, -10.8720 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(244, 219, 167) }
```


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

```
.border{ border-color:rgb(244, 219, 167) }
```

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

Here you see how a box with a 4 pixel rgb(244, 219, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 219, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 219, 167);  
box-shadow:4px 4px 4px 4px rgb(244, 219,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 220.5470, 31.5920, -10.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 219, 167) }
```

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

```
.background{ background-color: rgb(244,  
219, 167) }
```

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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