

Converting Colors

YIQ(222.9730, 21.8250, -4.5670)

Have a look what the booklet for
YIQ(222.9730, 21.8250, -4.5670)
contains.

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Color

**YIQ(222.9730, 21.8250,
-4.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DCBF
RGB	241, 220, 191
RGB Percent	95%, 86%, 75%
CMY	0.0549, 0.1373, 0.2509
CMYK	0.00, 0.09, 0.21, 0.05
HSL	35°, 64%, 85%
HSV	35°, 21%, 95%
XYZ	71.2763, 73.6467, 59.7648
YIQ	222.9730, 21.8250, -4.5670

Conversions

Conversions Part 2

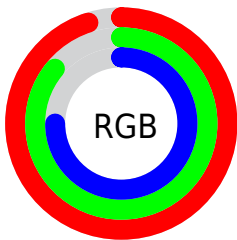
Format	Color
R _Y B	227, 241, 191
Decimal	15850687
CIE Lab	88.76, 2.73, 16.86
CIE LCh	89, 17.078, 80.802
Yxy	73.6467, 0.3482, 0.3598
Android (android.graphics.Color)	4294040767 (0xFFF1DCBF)
YUV	222.9730, -15.7627, 15.8097
Hunter-Lab	85.8177, -1.9269, 18.7818

Details

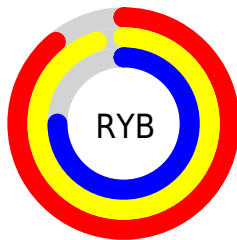
The YIQ color $222.9730, 21.8250, -4.5670$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $209.0270, -21.8250, 4.5670$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.0880, 2.5680, -2.4880$, and $167.9020, 20.5870, -4.1570$ is the 20% darker color. If you saturate the color by 10%, you get $214.3670, 32.2790, -6.8010$, and if you desaturate by 10%, it is $231.5790, 11.3710, -2.3330$.

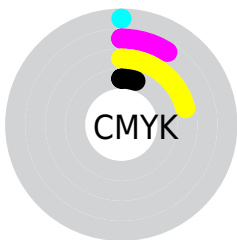
Distribution



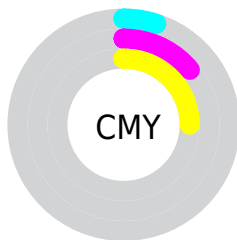
- Red (95%)
- Green (86%)
- Blue (75%)



- Red (89%)
- Yellow (95%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (21%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.9730, 21.8250, -4.5670 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 222.9730, 21.8250, -4.5670 by changing the saturation by 10% instead.

222.9730, 21.8250,
-4.5670

222.9730, 21.8250,
-4.5670

255.0000, -0.0000,
-0.0000

194.7880, 20.9080,
-4.4680

254.0880, 2.5680,
-2.4880

167.9020, 20.5870,
-4.1570

141.3040, 19.3950,
-4.5810

115.5320, 18.7530,
-3.9590

90.9340, 17.5610,
-4.3830

67.7490, 16.6440,
-4.2840

45.2650, 15.1310,

-4.3970

■ 24.2650, 15.1310,
-4.3970

■ 0.0000, 0.0000,
0.0000

■ 222.9730, 21.8250,
-4.5670

■ 222.9730, 21.8250,
-4.5670

■ 214.3670, 32.2790,
-6.8010

■ 231.5790, 11.3710,
-2.3330

■ 205.7610, 42.7330,
-9.0350

■ 240.1850, 0.9170,
-0.0990

■ 197.1550, 53.1870,
-11.2690

■ 247.8790, -6.9690,
-0.3530

■ 187.9620, 63.9160,
-12.9800

■ 250.8140, -8.3440,
-2.9680

■ 179.3560, 74.3700,
-15.2140

■ 170.6360, 85.1450,
-17.7590

■ 162.0300, 95.5990,
-19.9930

■ 154.2390,
105.1360, -22.1280

Harmonies

Analogous

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



224.4240, 28.1050, 2.7690



222.9730, 21.8250, -4.5670



220.9390, 9.9970, -10.4750

Triad

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



222.9730, 21.8250, -4.5670



216.9790, -31.0380, -10.1900



225.4820, 4.9950, 14.1070

Complementary

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



222.9730, 21.8250, -4.5670



209.0270, -21.8250, 4.5670

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.



223.7620, -10.5930, 10.2630



222.9730, 21.8250, -4.5670



218.4830, -32.2770, -4.2530

Square

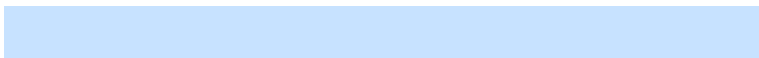
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.9730, 21.8250, -4.5670



217.4330, -20.8130, -13.7810



221.2330, -25.4010, 3.2950



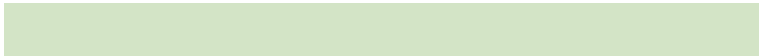
226.1970, 18.9790, 13.9790

Rectangle

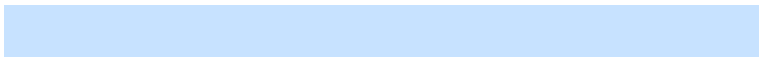
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.9730, 21.8250, -4.5670



219.4970, -0.5020, -12.9340



221.2330, -25.4010, 3.2950



225.3180, -0.4150, 13.0330

Sweetspot

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



222.9730, 21.8250, -4.5670



249.7680, 6.4650, -1.5270



208.4580, 22.7380, 17.4420



124.6260, 3.9890, -0.7070



0.0000, 0.0000, 0.0000



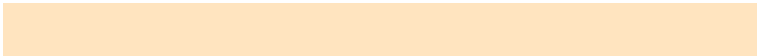
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.9730, 21.8250, -4.5670



231.8550, 27.9690, -5.7830



234.4030, 14.2620, -16.1860



115.6970, 5.2270, -1.1170



117.2380, 80.5140, -16.4300



36.1150, 24.3010, -5.3870

Inverse Universe

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



209.0270, -21.8250, 4.5670



214.1450, -27.9690, 5.7830



197.5970, -14.2620, 16.1860



112.3030, -5.2270, 1.1170



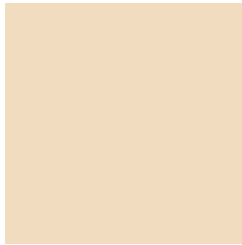
66.1750, -80.2390, 16.9530



20.4720, -24.5760, 4.8640

Previews

White Background



This preview shows how the YIQ color 222.9730, 21.8250, -4.5670 looks on a white background.

Color Contrast Check

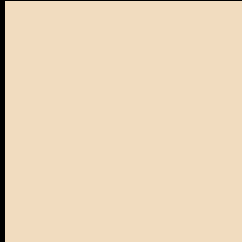
Large Text (above 18pt) WCAG AA × Fail

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 222.9730, 21.8250, -4.5670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

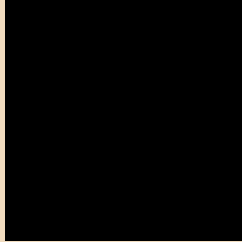
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.9730, 21.8250, -4.5670

Background



This preview shows how black text looks on a background with the YIQ color 222.9730, 21.8250, -4.5670.



This preview shows how white text looks on a background with the YIQ color 222.9730, 21.8250,

-4.5670.

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

222.9730, 21.8250, -4.5670

Protanopia

222.1680, 16.7820, -6.7860

Deuteranopia

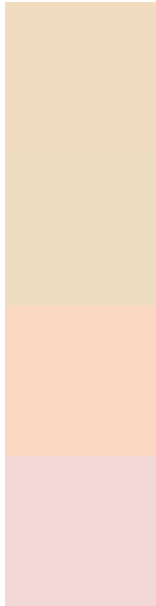
224.4520, 30.9020, 1.6380



Tritanopia

225.5060, 13.6150, 12.0710

Trichromacy



Original Color

222.9730, 21.8250, -4.5670

Protanomaly

222.4780, 18.8450, -5.6270

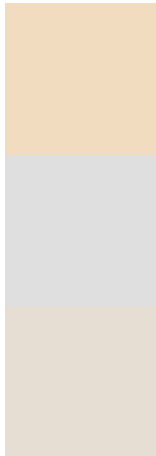
Deuteranomaly

224.0170, 27.6930, -0.7790

Tritanomaly

224.3720, 16.6880, 5.9360

Monochromacy



Original Color

222.9730, 21.8250, -4.5670

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.1380, 8.2990, -1.7250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.9730, 21.8250, -4.5670 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(241, 220, 191)` looks like.

```
.text, #text, p{  
    color:rgb(241, 220, 191)  
}
```

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(241, 220, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 220, 191) }
```

Border

The CSS property to change the border of an element to YIQ 222.9730, 21.8250, -4.5670 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(241, 220, 191) }
```


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

```
.border{ border-color:rgb(241, 220, 191) }
```

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

Here you see how a box with a 4 pixel rgb(241, 220, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 220, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 220, 191);  
box-shadow:4px 4px 4px 4px rgb(241, 220,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 222.9730, 21.8250, -4.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 220, 191) }
```

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

```
.background{ background-color: rgb(241,  
220, 191) }
```

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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