

Converting Colors

YIQ(224.1690, 24.2090, -3.7190)

Have a look what the booklet for
YIQ(224.1690, 24.2090, -3.7190)
contains.

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Color

**YIQ(224.1690, 24.2090,
-3.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DCBF
RGB	245, 220, 191
RGB Percent	96%, 86%, 75%
CMY	0.0392, 0.1373, 0.2509
CMYK	0.00, 0.10, 0.22, 0.04
HSL	32°, 73%, 85%
HSV	32°, 22%, 96%
XYZ	72.6576, 74.3581, 59.8307
YIQ	224.1690, 24.2090, -3.7190

Conversions

Conversions Part 2

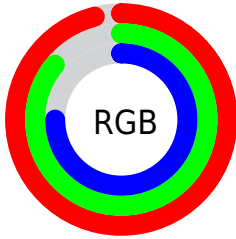
Format	Color
R _Y B	238, 245, 191
Decimal	16112831
CIE Lab	89.09, 4.20, 17.38
CIE LCh	89, 17.878, 76.425
Yxy	74.3581, 0.3513, 0.3595
Android (android.graphics.Color)	4294302911 (0xFFF5DCBF)
YUV	224.1690, -16.3523, 18.2688
Hunter-Lab	86.2312, -0.5021, 19.2240

Details

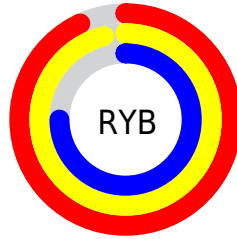
The YIQ color $224.1690, 24.2090, -3.7190$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $211.8310, -24.2090, 3.7190$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.0880, 2.5680, -2.4880$, and $168.7990, 22.3750, -3.5210$ is the 20% darker color. If you saturate the color by 10%, you get $214.9760, 34.9380, -5.4300$, and if you desaturate by 10%, it is $233.4760, 13.1590, -1.6970$.

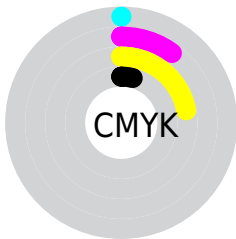
Distribution



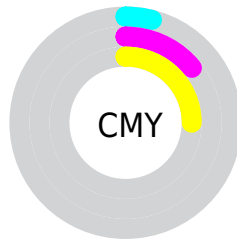
- Red (96%)
- Green (86%)
- Blue (75%)



- Red (93%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.1690, 24.2090, -3.7190 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 224.1690, 24.2090, -3.7190 by changing the saturation by 10% instead.

224.1690, 24.2090,
-3.7190

224.1690, 24.2090,
-3.7190

255.0000, -0.0000,
-0.0000

195.9840, 23.2920,
-3.6200

254.0880, 2.5680,
-2.4880

168.7990, 22.3750,
-3.5210

142.5000, 21.7790,
-3.7330

116.4290, 20.5410,
-3.3230

91.8310, 19.3490,
-3.7470

68.6460, 18.4320,
-3.6480

46.1620, 16.9190,

-3.7610

■ 24.8630, 16.3230,
-3.9730

■ 0.2990, 0.5960,
0.2120

■ 224.1690, 24.2090,
-3.7190

■ 224.1690, 24.2090,
-3.7190

■ 214.9760, 34.9380,
-5.4300

■ 233.4760, 13.1590,
-1.6970

■ 205.0820, 46.2630,
-6.9290

■ 243.2560, 2.1550,
-0.5090

■ 195.8890, 56.9920,
-8.6400

■ 251.4230, -5.6850,
-1.5970

■ 186.5820, 68.0420,
-10.6620

■ 252.0100, -5.9600,
-2.1200

■ 176.8020, 79.0460,
-11.8500

■ 167.4950, 90.0960,
-13.8720

■ 158.3020,
100.8250, -15.5830

■ 150.1520,
109.9950, -16.5730

Harmonies

Analogous

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



225.2500, 28.6550, 3.8150



224.1690, 24.2090, -3.7190



222.3090, 11.8310, -10.6730

Triad

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



224.1690, 24.2090, -3.7190



217.7400, -31.8630, -11.7590



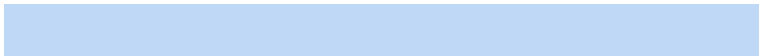
226.6990, 2.8860, 13.7820

Complementary

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



224.1690, 24.2090, -3.7190



211.8310, -24.2090, 3.7190

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.



224.2670, -13.5730, 9.2030



224.1690, 24.2090, -3.7190



218.8740, -34.9360, -5.6240

Square

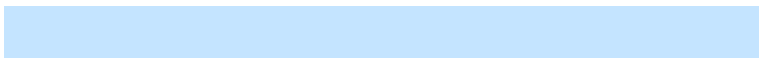
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.1690, 24.2090, -3.7190



218.0910, -19.8500, -14.7140



221.5100, -27.7390, 1.6130



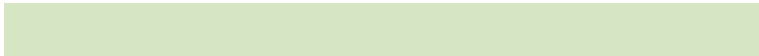
227.4250, 18.3370, 14.6010

Rectangle

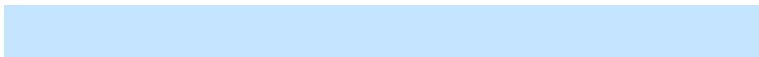
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.1690, 24.2090, -3.7190



220.7530, 1.6530, -13.4430



221.5100, -27.7390, 1.6130



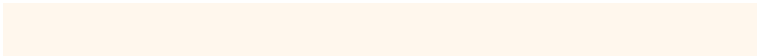
225.9480, -2.2490, 13.2310

Sweetspot

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



224.1690, 24.2090, -3.7190



248.2520, 7.9780, -1.4140



209.9960, 24.1590, 19.2230



123.8110, 4.9060, -0.8060



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

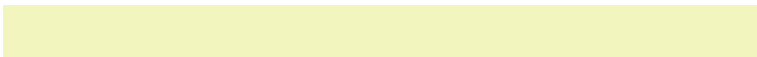
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.1690, 24.2090, -3.7190



229.2790, 29.7110, -4.3130



238.2460, 16.1420, -17.2180



117.6970, 5.2270, -1.1170



114.3140, 83.3560, -12.8680



35.8380, 26.6390, -3.7050

Inverse Universe

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



211.8310, -24.2090, 3.7190



214.1340, -29.4360, 4.8360



197.7540, -16.1420, 17.2180



114.8900, -5.5020, 0.5940



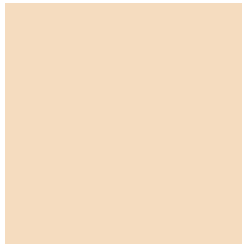
71.6860, -83.3560, 12.8680



22.5750, -26.3640, 4.2280

Previews

White Background



This preview shows how the YIQ color 224.1690, 24.2090, -3.7190 looks on a white background.

Color Contrast Check

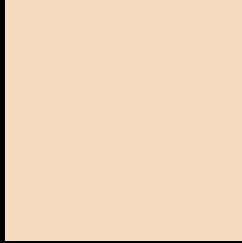
Large Text (above 18pt) WCAG AA × Fail

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 224.1690, 24.2090, -3.7190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

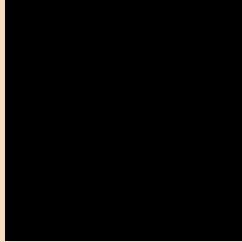
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.1690, 24.2090, -3.7190

Background



This preview shows how black text looks on a background with the YIQ color 224.1690, 24.2090, -3.7190.



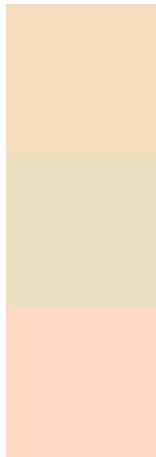
This preview shows how white text looks on a background with the YIQ color 224.1690, 24.2090,

-3.7190.

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

224.1690, 24.2090, -3.7190

Protanopia

223.1680, 16.7820, -6.7860

Deuteranopia

225.1530, 30.3060, 1.4260



Tritanopia

226.7020, 15.9990, 12.9190

Trichromacy



Original Color

224.1690, 24.2090, -3.7190

Protanomaly

223.6630, 19.7620, -5.7260

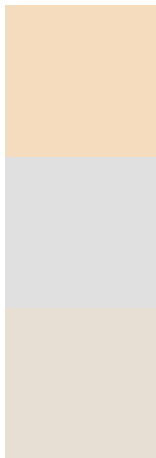
Deuteranomaly

224.4300, 27.9680, -0.2560

Tritanomaly

225.5680, 19.0720, 6.7840

Monochromacy



Original Color

224.1690, 24.2090, -3.7190

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.4370, 8.8950, -1.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.1690, 24.2090, -3.7190 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(245, 220, 191)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 220, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 220, 191) }
```

Border

The CSS property to change the border of an element to YIQ 224.1690, 24.2090, -3.7190 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(245, 220, 191) }
```


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

```
.border{ border-color:rgb(245, 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(245, 220, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 220, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 220, 191);  
box-shadow:4px 4px 4px 4px rgb(245, 220,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 224.1690, 24.2090, -3.7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 220, 191) }
```

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

```
.background{ background-color: rgb(245,  
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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