

Converting Colors

YIQ(244.0690, 12.7470, -5.2450)

Have a look what the booklet for
YIQ(244.0690, 12.7470, -5.2450)
contains.

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Color

**YIQ(244.0690, 12.7470,
-5.2450)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FDF4DD |
| RGB | 253, 244, 221 |
| RGB Percent | 99%, 96%, 87% |
| CMY | 0.0078, 0.0431, 0.1333 |
| CMYK | 0.00, 0.04, 0.13, 0.01 |
| HSL | 43°, 89%, 93% |
| HSV | 43°, 13%, 99% |
| XYZ | 85.9117, 90.8034, 81.4176 |
| YIQ | 244.0690, 12.7470, -5.2450 |

Conversions

Conversions Part 2

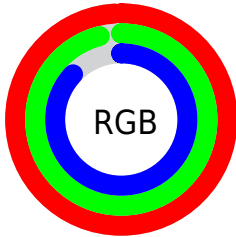
| Format | Color |
|-------------------------------------|---|
| RYB | 234, 253, 221 |
| Decimal | 16643293 |
| CIELab | 96.33, -0.74, 12.14 |
| CIELCh | 96, 12.163, 93.481 |
| Yxy | 90.8034, 0.3328, 0.3518 |
| Android (android.graphics.Color) | 4294833373 (0xFFFD4DD) |
| YUV | 244.0690, -11.3730, 7.8325 |
| Hunter-Lab | 95.2908, -5.8281, 16.0455 |

Details

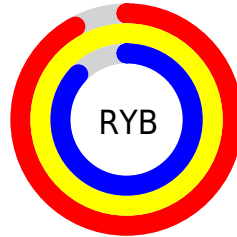
The YIQ color $244.0690, 12.7470, -5.2450$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $229.9310, -12.7470, 5.2450$, and the grayscale version is $244.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.8840, 11.8300, -5.1460$ is the 20% darker color. If you saturate the color by 10%, you get $237.1100, 22.6970, -9.3590$, and if you desaturate by 10%, it is $251.0280, 2.7970, -1.1310$.

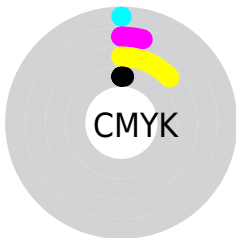
Distribution



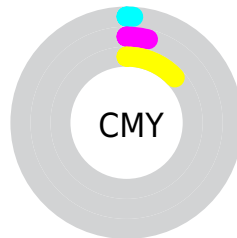
- Red (99%)
- Green (96%)
- Blue (87%)



- Red (92%)
- Yellow (99%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (1%)




- Cyan (1%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 244.0690, 12.7470, -5.2450 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 244.0690, 12.7470, -5.2450 by changing the saturation by 10% instead.


 244.0690, 12.7470,
-5.2450


 244.0690, 12.7470,
-5.2450


255.0000, -0.0000,
-0.0000


 215.7700, 12.1510,
-5.4570

 187.8840, 11.8300,
-5.1460

 160.9980, 11.5090,
-4.8350

 134.6990, 10.9130,
-5.0470

 109.2260, 10.8670,
-4.2130

 84.9270, 10.2710,
-4.4250

 61.7420, 9.3540,

-4.3260

■ 39.5570, 8.4370,
-4.2270

■ 19.5140, 9.9960,
-4.9480

■ 244.0690, 12.7470,
-5.2450

■ 244.0690, 12.7470,
-5.2450

■ 237.1100, 22.6970,
-9.3590

■ 251.0280, 2.7970,
-1.1310

■ 230.0370, 32.9680,
-13.7840

■ 254.4020, -1.1920,
-0.4240

■ 223.0780, 42.9180,
-17.8980

■ 216.1190, 52.8680,
-22.0120

■ 208.5730, 63.0930,
-25.6030

■ 201.5000, 73.3640,
-30.0280

■ 194.5410, 83.3140,
-34.1420

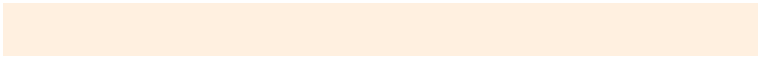
■ 187.5820, 93.2640,
-38.2560

■ 182.4810,
100.7380, -41.5500

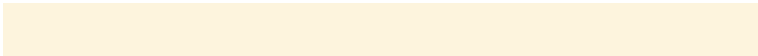
Harmonies

Analogous

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



242.6610, 14.0760, -1.7960



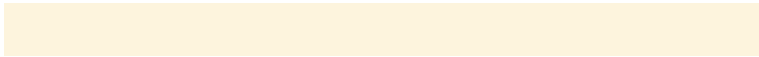
244.0690, 12.7470, -5.2450



242.6870, 2.0190, -9.0610

Triad

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



244.0690, 12.7470, -5.2450



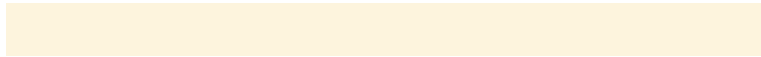
240.6920, -22.7400, -6.3880



245.0210, 4.6750, 8.8910

Complementary

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



244.0690, 12.7470, -5.2450



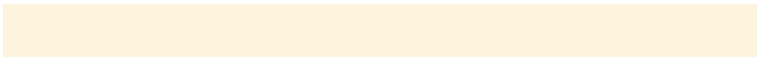
229.9310, -12.7470, 5.2450

Split Complementary

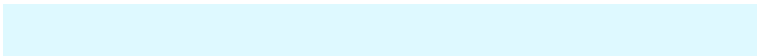
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.9880, 0.2740, 6.0500



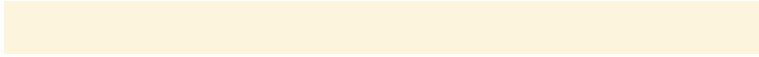
244.0690, 12.7470, -5.2450



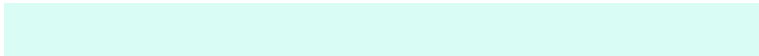
241.6110, -18.0180, -3.8580

Square

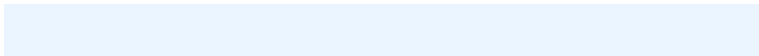
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.0690, 12.7470, -5.2450



240.7370, -18.6130, -9.5970



242.8510, -9.7660, 0.7780



243.0660, 8.8020, 5.6820

Rectangle

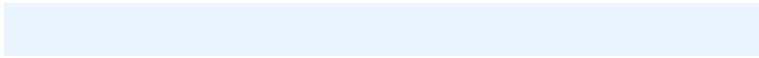
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.0690, 12.7470, -5.2450



242.0390, -4.9040, -10.2480



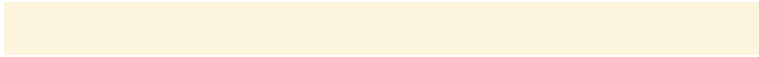
242.8510, -9.7660, 0.7780



245.6080, 4.4000, 8.3680

Sweetspot

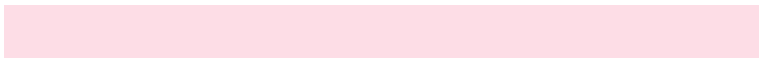
The Sweet Spot groups the original color and five complimentary colors.



244.0690, 12.7470, -5.2450



252.0990, 4.0350, -1.5410



231.5940, 16.1830, 9.5830



126.0280, 2.7970, -1.1310



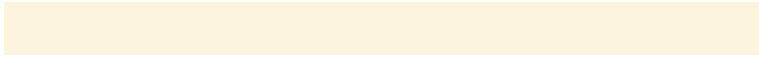
0.0000, 0.0000, 0.0000



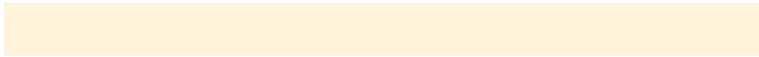
128.0000, -0.0000, -0.0000

Same Dimension

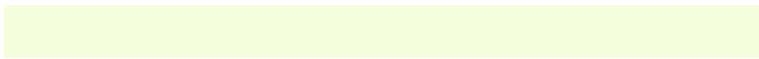
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.0690, 12.7470, -5.2450



244.2110, 15.2230, -6.0650



247.2590, 6.1000, -11.4360



124.1700, 5.2730, -1.9510



137.5280, 76.1610, -31.1590



46.1380, 25.4940, -10.4900

Inverse Universe

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



229.9310, -12.7470, 5.2450



227.7890, -15.2230, 6.0650



226.7410, -6.1000, 11.4360



118.2430, -4.9980, 2.4740



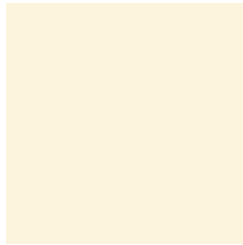
53.4720, -76.1610, 31.1590



17.8620, -25.4940, 10.4900

Previews

White Background



This preview shows how the YIQ color 244.0690, 12.7470, -5.2450 looks on a white background.

Color Contrast Check

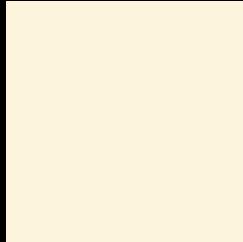
Large Text (above 18pt) WCAG AA × Fail

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 244.0690, 12.7470, -5.2450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

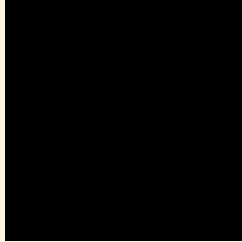
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 244.0690, 12.7470, -5.2450

Background



This preview shows how black text looks on a background with the YIQ color 244.0690, 12.7470, -5.2450.



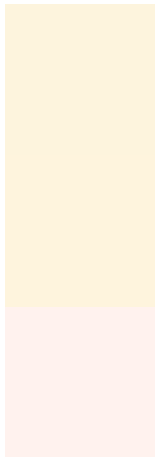
This preview shows how white text looks on a background with the YIQ color 244.0690, 12.7470,

-5.2450.

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

244.0690, 12.7470, -5.2450

Protanopia

244.3680, 13.3430, -5.0330

Deuteranopia

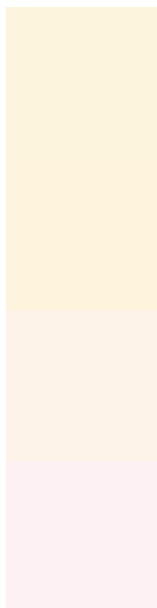
245.4310, 9.0320, 1.5120



Tritanopia

246.1950, 4.1250, 7.8450

Trichromacy



Original Color

244.0690, 12.7470, -5.2450

Protanomaly

244.3680, 13.3430, -5.0330

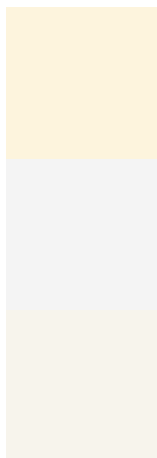
Deuteranomaly

245.0350, 10.0870, -1.0890

Tritanomaly

245.1150, 7.1060, 3.3780

Monochromacy



Original Color

244.0690, 12.7470, -5.2450

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

243.9850, 4.3560, -1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 244.0690, 12.7470, -5.2450 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(253, 244, 221)` looks like.

```
.text, #text, p{  
    color:rgb(253, 244, 221)  
}
```

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(253, 244, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 244, 221) }
```

Border

The CSS property to change the border of an element to YIQ 244.0690, 12.7470, -5.2450 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(253, 244, 221) }
```


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

```
.border{ border-color:rgb(253, 244, 221) }
```

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

Here you see how a box with a 4 pixel rgb(253, 244, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 244, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 244, 221);  
box-shadow:4px 4px 4px 4px rgb(253, 244,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 244.0690, 12.7470, -5.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 244, 221) }
```

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

```
.background{ background-color: rgb(253,  
244, 221) }
```

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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