

Converting Colors

YIQ(237.1900, 19.7160, -4.8920)

Have a look what the booklet for
YIQ(237.1900, 19.7160, -4.8920)
contains.

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Color

**YIQ(237.1900, 19.7160,
-4.8920)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FDEBCF |
| RGB | 253, 235, 207 |
| RGB Percent | 99%, 92%, 81% |
| CMY | 0.0078, 0.0784, 0.1881 |
| CMYK | 0.00, 0.07, 0.18, 0.01 |
| HSL | 36°, 92%, 90% |
| HSV | 37°, 18%, 99% |
| XYZ | 81.4821, 84.8024, 71.1217 |
| YIQ | 237.1900, 19.7160, -4.8920 |

Conversions

Conversions Part 2

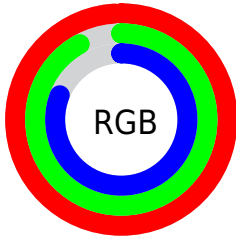
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 237, 253, 207 |
| Decimal | 16640975 |
| CIE Lab | 93.80, 1.72, 15.78 |
| CIE LCh | 94, 15.869, 83.792 |
| Yxy | 84.8024, 0.3432, 0.3572 |
| Android (android.graphics.Color) | 4294831055 (0xFFFDEBCF) |
| YUV | 237.1900, -14.8837, 13.8654 |
| Hunter-Lab | 92.0882, -3.2128, 18.6708 |

Details

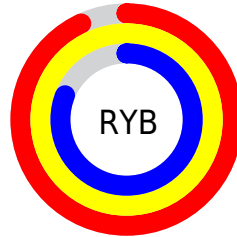
The YIQ color $237.1900, 19.7160, -4.8920$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $222.8100, -19.7160, 4.8920$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.1190, 18.4780, -4.4820$ is the 20% darker color. If you saturate the color by 10%, you get $228.4700, 30.4910, -7.4370$, and if you desaturate by 10%, it is $245.9100, 8.9410, -2.3470$.

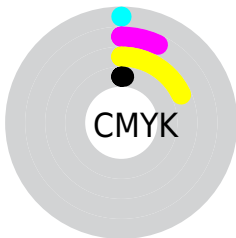
Distribution



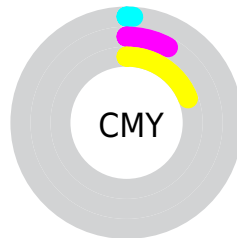
- Red (99%)
- Green (92%)
- Blue (81%)



- Red (93%)
- Yellow (99%)
- Blue (81%)



- Cyan (0%)
- Magenta (7%)
- Yellow (18%)
- Black (1%)



- Cyan (1%)
- Magenta (8%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 237.1900, 19.7160, -4.8920 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 237.1900, 19.7160, -4.8920 by changing the saturation by 10% instead.

237.1900, 19.7160,
-4.8920

237.1900, 19.7160,
-4.8920

255.0000, -0.0000,
-0.0000

208.8910, 19.1200,
-5.1040

181.1190, 18.4780,
-4.4820

154.8200, 17.8820,
-4.6940

128.6350, 16.9650,
-4.5950

103.4500, 16.0480,
-4.4960

79.2650, 15.1310,
-4.3970

56.0800, 14.2140,

-4.2980

■ 34.3680, 13.3430,
-5.0330

■ 13.6220, 9.8120,
-1.6120

■ 237.1900, 19.7160,
-4.8920

■ 237.1900, 19.7160,
-4.8920

■ 228.4700, 30.4910,
-7.4370

■ 245.9100, 8.9410,
-2.3470

■ 219.6360, 41.5870,
-10.2930

254.4020, -1.1920,
-0.4240

■ 210.9160, 52.3620,
-12.8380

■ 202.1960, 63.1370,
-15.3830

■ 193.4760, 73.9120,
-17.9280

■ 185.2290, 84.7330,
-21.3070

■ 176.5090, 95.5080,
-23.8520

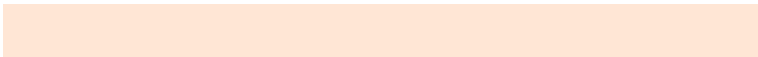
■ 167.7890,
106.2830, -26.3970

■ 166.0450,
108.4380, -26.9060

Harmonies

Analogous

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



235.5370, 20.3570, 0.0130



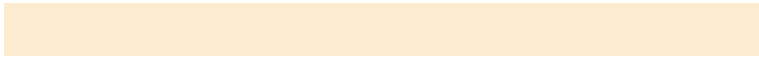
237.1900, 19.7160, -4.8920



235.2700, 7.5670, -10.4890

Triad

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



237.1900, 19.7160, -4.8920



231.9900, -29.5710, -9.2430



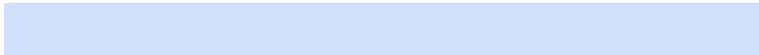
240.0260, 6.2790, 12.8630

Complementary

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



237.1900, 19.7160, -4.8920



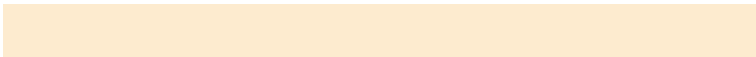
222.8100, -19.7160, 4.8920

Split Complementary

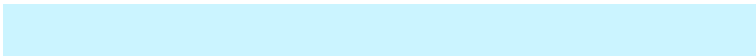
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.9920, -5.5490, 6.9550



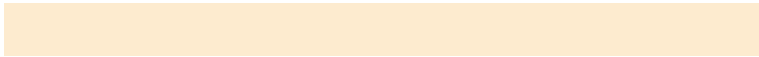
237.1900, 19.7160, -4.8920



232.9950, -27.9670, -5.2710

Square

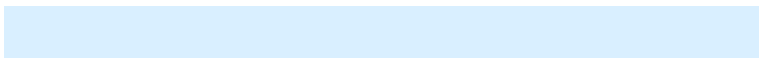
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.1900, 19.7160, -4.8920



232.2590, -20.2630, -12.7350



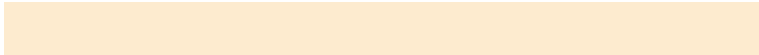
234.2460, -18.2480, 0.3120



236.9680, 12.1940, 10.2900

Rectangle

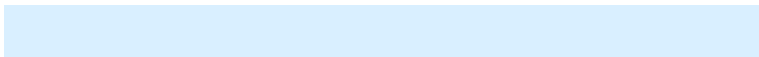
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.1900, 19.7160, -4.8920



234.1270, -2.3360, -12.7360



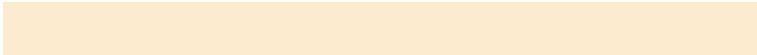
234.2460, -18.2480, 0.3120



239.1180, 3.0240, 11.2800

Sweetspot

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



237.1900, 19.7160, -4.8920



250.5830, 5.5480, -1.4280



222.8060, 21.6380, 15.3500



125.3270, 3.3930, -0.9190



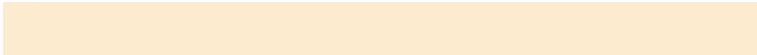
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

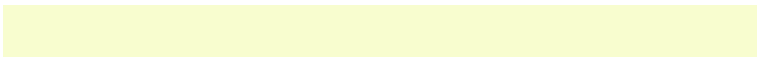
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.1900, 19.7160, -4.8920



235.7020, 24.0260, -5.9100



246.2610, 11.7860, -15.3660



123.5830, 5.5480, -1.4280



125.2010, 81.9360, -20.1760



42.0290, 27.4190, -6.8290

Inverse Universe

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



222.8100, -19.7160, 4.8920



218.2980, -24.0260, 5.9100



213.7390, -11.7860, 15.3660



119.4170, -5.5480, 1.4280



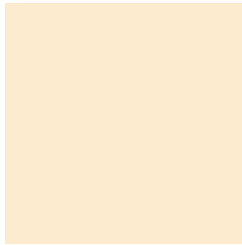
65.7990, -81.9360, 20.1760



21.9710, -27.4190, 6.8290

Previews

White Background



This preview shows how the YIQ color 237.1900, 19.7160, -4.8920 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 237.1900, 19.7160, -4.8920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

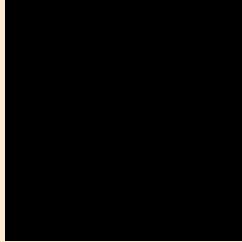
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

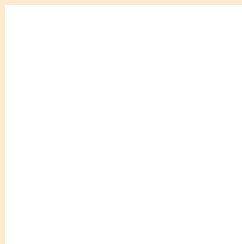
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 237.1900, 19.7160, -4.8920

Background



This preview shows how black text looks on a background with the YIQ color 237.1900, 19.7160, -4.8920.



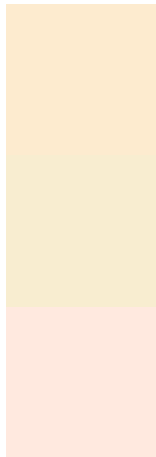
This preview shows how white text looks on a background with the YIQ color 237.1900, 19.7160,

-4.8920.

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

237.1900, 19.7160, -4.8920

Protanopia

236.9830, 15.8650, -6.6870

Deuteranopia

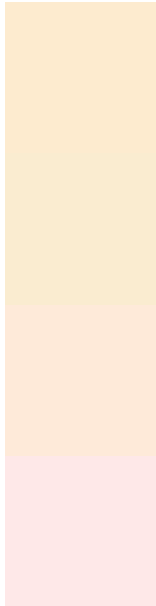
238.4380, 16.3220, 1.5540



Tritanopia

239.8860, 9.4890, 9.7530

Trichromacy



Original Color

237.1900, 19.7160, -4.8920

Protanomaly

236.9940, 17.3320, -5.7400

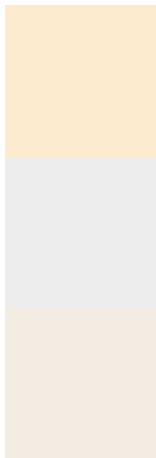
Deuteranomaly

238.0420, 17.3770, -1.0470

Tritanomaly

238.5780, 13.1120, 4.6640

Monochromacy



Original Color

237.1900, 19.7160, -4.8920

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

236.9530, 7.3820, -1.6260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.1900, 19.7160, -4.8920 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, 235, 207)` looks like.

```
.text, #text, p{  
    color:rgb(253, 235, 207)  
}
```

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, 235, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 235, 207) }
```

Border

The CSS property to change the border of an element to YIQ 237.1900, 19.7160, -4.8920 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, 235, 207) }
```


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

```
.border{ border-color:rgb(253, 235, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 235, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 235, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 235, 207);  
box-shadow:4px 4px 4px 4px rgb(253, 235,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 237.1900, 19.7160, -4.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 235, 207) }
```

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

```
.background{ background-color: rgb(253,  
235, 207) }
```

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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