

Converting Colors

YIQ(244.3760, 18.8920,
-11.9880)

Have a look what the booklet for
YIQ(244.3760, 18.8920, -11.9880)
contains.

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Color

**YIQ(244.3760, 18.8920,
-11.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF7CB
RGB	255, 247, 203
RGB Percent	100%, 97%, 80%
CMY	0.0000, 0.0314, 0.2038
CMYK	0.00, 0.03, 0.20, 0.00
HSL	51°, 100%, 90%
HSV	51°, 20%, 100%
XYZ	85.2817, 92.0921, 69.7980
YIQ	244.3760, 18.8920, -11.9880

Conversions

Conversions Part 2

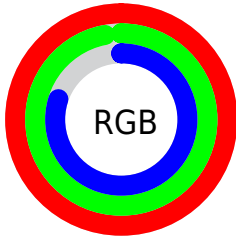
Format	Color
R_{YB}	212, 255, 203
Decimal	16775115
CIE Lab	96.86, -4.20, 22.13
CIE LCh	97, 22.530, 100.751
Yxy	92.0921, 0.3450, 0.3726
Android (android.graphics.Color)	4294965195 (0xFFFFF7CB)
YUV	244.3760, -20.3984, 9.3172
Hunter-Lab	95.9646, -9.3090, 24.0518

Details

The YIQ color $244.3760, 18.8920, -11.9880$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $213.6240, -18.8920, 11.9880$, and the grayscale version is $245.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $188.3050, 17.6540, -11.5780$ is the 20% darker color. If you saturate the color by 10%, you get $239.1780, 28.0170, -17.6710$, and if you desaturate by 10%, it is $249.6880, 9.4460, -5.9940$.

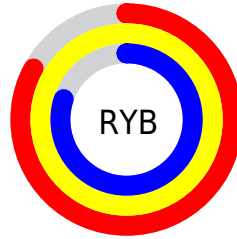
Distribution



Red (100%)

Green (97%)

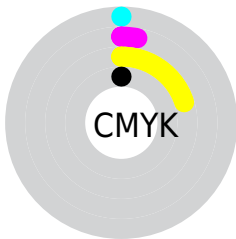
Blue (80%)



Red (83%)

Yellow (100%)

Blue (80%)

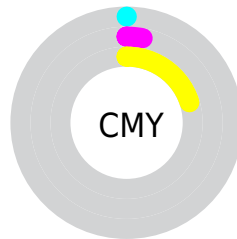


Cyan (0%)

Magenta (3%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (3%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 244.3760, 18.8920, -11.9880 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 244.3760, 18.8920, -11.9880 by changing the saturation by 10% instead.


 244.3760, 18.8920,
-11.9880


 244.3760, 18.8920,
-11.9880


255.0000, -0.0000,
-0.0000


 216.1910, 17.9750,
-11.8890

 188.3050, 17.6540,
-11.5780

 161.1200, 16.7370,
-11.4790

 134.6470, 16.6910,
-10.6450

 109.1630, 15.1780,
-10.7580

 84.9780, 14.2610,
-10.6590

 61.2060, 13.6190,

-10.0370

■ 39.2660, 13.3900,
-11.3940

■ 19.7910, 7.6580,
-6.6300

■ 244.3760, 18.8920,
-11.9880

■ 244.3760, 18.8920,
-11.9880

■ 239.1780, 28.0170,
-17.6710

■ 249.6880, 9.4460,
-5.9940

■ 233.8660, 37.4630,
-23.6650

254.8860, 0.3210,
-0.3110

■ 228.6680, 46.5880,
-29.3480

255.0000, -0.0000,
-0.0000

■ 223.3560, 56.0340,
-35.3420

■ 218.1580, 65.1590,
-41.0250

■ 212.8460, 74.6050,
-47.0190

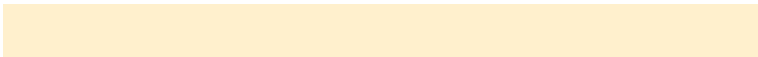
■ 208.2350, 83.4550,
-53.2250

■ 203.0370, 92.5800,
-58.9080

Harmonies

Analogous

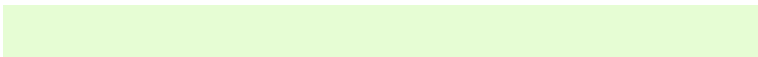
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.4950, 20.1750, -7.7050



244.3760, 18.8920, -11.9880



241.4490, -0.5470, -17.6270

Triad

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



244.3760, 18.8920, -11.9880



235.2660, -39.3360, -13.9920



241.4990, 6.3250, 12.0290

Complementary

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



244.3760, 18.8920, -11.9880



213.6240, -18.8920, 11.9880

Split Complementary

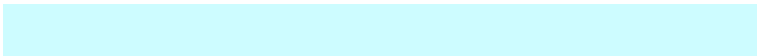
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.0210, 4.6750, 8.8910



244.3760, 18.8920, -11.9880



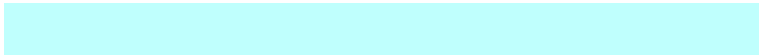
238.2890, -28.9750, -9.0310

Square

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



244.3760, 18.8920, -11.9880



235.6360, -37.5020, -14.1900



242.2530, -10.9580, 0.3540



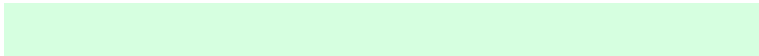
239.0880, 11.7360, 7.5760

Rectangle

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



244.3760, 18.8920, -11.9880



239.2070, -14.4850, -18.3330



242.2530, -10.9580, 0.3540



242.6730, 5.7750, 10.9830

Sweetspot

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



244.3760, 18.8920, -11.9880



252.1160, 5.3650, -3.6190



219.5740, 28.1030, 13.8230



125.8000, 3.4390, -1.7530



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

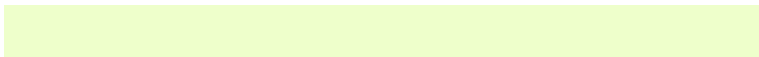
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.3760, 18.8920, -11.9880



242.7630, 22.0560, -14.2640



243.9890, 6.5600, -19.7760



125.3440, 4.7230, -2.9970



152.2030, 69.2860, -44.2340



50.8340, 23.2940, -14.6740

Inverse Universe

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



213.6240, -18.8920, 11.9880



206.2370, -22.0560, 14.2640



214.0110, -6.5600, 19.7760



117.6560, -4.7230, 2.9970



38.7970, -69.2860, 44.2340



13.1660, -23.2940, 14.6740

Previews

White Background



This preview shows how the YIQ color 244.3760, 18.8920, -11.9880 looks on a white background.

Color Contrast Check

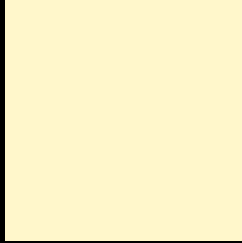
Large Text (above 18pt) WCAG AA × Fail

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 244.3760, 18.8920, -11.9880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

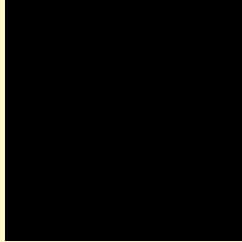
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 244.3760, 18.8920, -11.9880

Background



This preview shows how black text looks on a background with the YIQ color 244.3760, 18.8920, -11.9880.



This preview shows how white text looks on a background with the YIQ color 244.3760, 18.8920, -11.9880.

-11.9880.

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

244.3760, 18.8920, -11.9880

Protanopia

245.7270, 13.7100, -6.1780

Deuteranopia

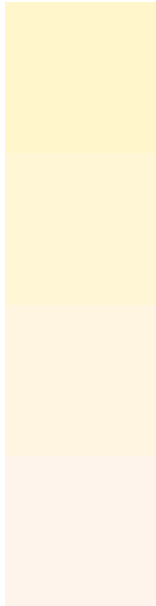
246.6050, 8.4820, 0.4660



Tritanopia

247.1410, 4.2170, 6.1770

Trichromacy



Original Color

244.3760, 18.8920, -11.9880

Protanomaly

245.0430, 15.6360, -8.0440

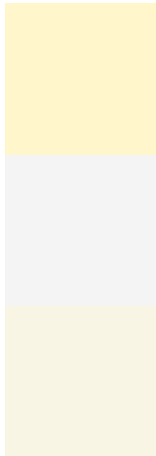
Deuteranomaly

245.7100, 12.3800, -4.1000

Tritanomaly

246.2630, 9.4450, -0.4670

Monochromacy



Original Color

244.3760, 18.8920, -11.9880

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

244.0730, 6.9240, -4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 244.3760, 18.8920, -11.9880 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(255, 247, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 203)  
}
```

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(255, 247, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 203) }
```

Border

The CSS property to change the border of an element to YIQ 244.3760, 18.8920, -11.9880 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(255, 247, 203) }
```


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

```
.border{ border-color:rgb(255, 247, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 244.3760, 18.8920, -11.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 203) }
```

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

```
.background{ background-color: rgb(255,  
247, 203) }
```

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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