

Converting Colors

YIQ(238.3760, 18.8920,
-11.9880)

Have a look what the booklet for
YIQ(238.3760, 18.8920, -11.9880)
contains.

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Color

**YIQ(238.3760, 18.8920,
-11.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F1C5
RGB	249, 241, 197
RGB Percent	98%, 95%, 77%
CMY	0.0235, 0.0549, 0.2273
CMYK	0.00, 0.03, 0.21, 0.02
HSL	51°, 81%, 87%
HSV	51°, 21%, 98%
XYZ	80.6017, 87.0804, 65.4001
YIQ	238.3760, 18.8920, -11.9880

Conversions

Conversions Part 2

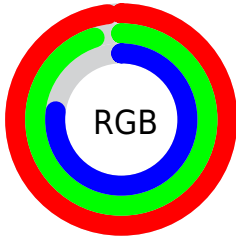
Format	Color
R_{YB}	206, 249, 197
Decimal	16380357
CIE _{Lab}	94.77, -4.20, 22.24
CIE _{LCh}	95, 22.633, 100.697
Yxy	87.0804, 0.3458, 0.3736
Android (android.graphics.Color)	4294570437 (0xFFFF9F1C5)
YUV	238.3760, -20.3984, 9.3172
Hunter-Lab	93.3169, -9.1266, 23.7691

Details

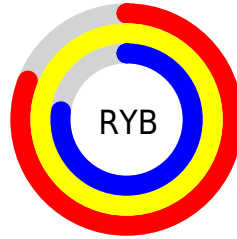
The YIQ color $238.3760, 18.8920, -11.9880$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $207.6240, -18.8920, 11.9880$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.8860, 0.3210, -0.3110$, and $182.3050, 17.6540, -11.5780$ is the 20% darker color. If you saturate the color by 10%, you get $233.1780, 28.0170, -17.6710$, and if you desaturate by 10%, it is $243.5740, 9.7670, -6.3050$.

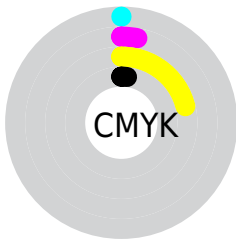
Distribution



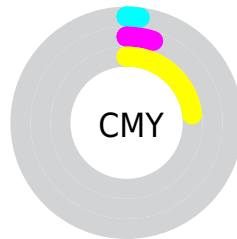
- Red (98%)
- Green (95%)
- Blue (77%)



- Red (81%)
- Yellow (98%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.3760, 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 238.3760, 18.8920, -11.9880 by changing the saturation by 10% instead.

■ 238.3760, 18.8920,
-11.9880

■ 238.3760, 18.8920,
-11.9880

255.0000, -0.0000,
-0.0000

■ 210.1910, 17.9750,
-11.8890

254.8860, 0.3210,
-0.3110

■ 182.3050, 17.6540,
-11.5780

■ 155.4190, 17.3330,
-11.2670

■ 129.2340, 16.4160,
-11.1680

■ 104.1630, 15.1780,
-10.7580

■ 79.9780, 14.2610,
-10.6590

■ 56.7930, 13.3440,

-10.5600

■ 34.5650, 13.9860,
-11.1820

■ 15.0510, 3.9900,
-6.2340

■ 238.3760, 18.8920,
-11.9880

■ 238.3760, 18.8920,
-11.9880

■ 233.1780, 28.0170,
-17.6710

■ 243.5740, 9.7670,
-6.3050

■ 227.9800, 37.1420,
-23.3540

■ 248.7720, 0.6420,
-0.6220

■ 223.3690, 45.9920,
-29.5600

■ 251.4450, -2.7510,
0.2970

■ 218.1710, 55.1170,
-35.2430

■ 253.2060, -3.5760,
-1.2720

■ 213.0870, 63.9210,
-40.6150

■ 207.8890, 73.0460,
-46.2980

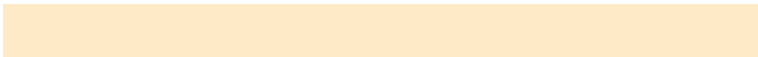
■ 202.6910, 82.1710,
-51.9810

■ 198.3080, 90.3790,
-57.5650

Harmonies

Analogous

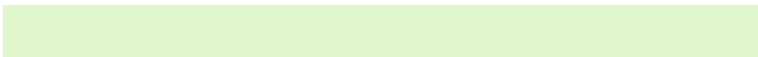
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.2890, 23.7510, -6.4330



238.3760, 18.8920, -11.9880



235.4490, -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.



238.3760, 18.8920, -11.9880



231.1240, -41.8120, -13.1720



237.9770, 7.9750, 15.1670

Complementary

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



238.3760, 18.8920, -11.9880



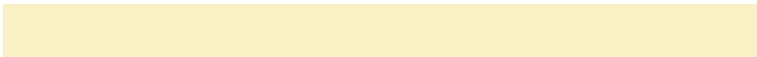
207.6240, -18.8920, 11.9880

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.



241.2000, 5.7290, 11.8170



238.3760, 18.8920, -11.9880



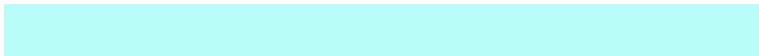
232.9730, -30.9010, -7.1650

Square

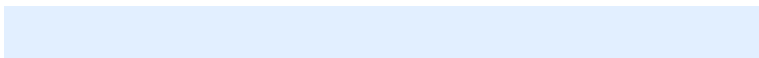
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.3760, 18.8920, -11.9880



231.6850, -39.1980, -16.4940



236.9370, -12.8840, 2.2200



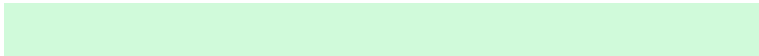
234.8820, 15.3120, 8.8480

Rectangle

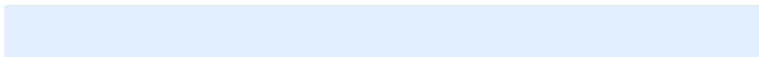
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.3760, 18.8920, -11.9880



233.7940, -14.7600, -18.8560



236.9370, -12.8840, 2.2200



239.1510, 7.4250, 14.1210

Sweetspot

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



238.3760, 18.8920, -11.9880



252.1160, 5.3650, -3.6190



213.5740, 28.1030, 13.8230



125.8000, 3.4390, -1.7530



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

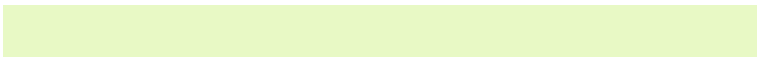
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.3760, 18.8920, -11.9880



241.8340, 23.2940, -14.6740



237.9890, 6.5600, -19.7760



122.3440, 4.7230, -2.9970



150.4310, 68.6440, -43.6120



48.7630, 22.0560, -14.2640

Inverse Universe

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



207.6240, -18.8920, 11.9880



204.1660, -23.2940, 14.6740



208.0110, -6.5600, 19.7760



114.6560, -4.7230, 2.9970



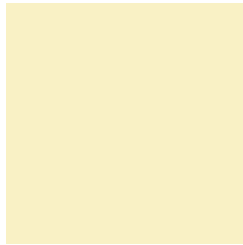
38.5690, -68.6440, 43.6120



12.2370, -22.0560, 14.2640

Previews

White Background



This preview shows how the YIQ color 238.3760, 18.8920, -11.9880 looks on a white background.

Color Contrast Check

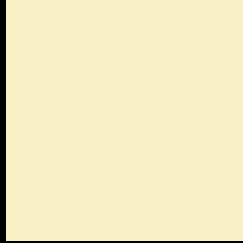
Large Text (above 18pt) WCAG AA × Fail

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 238.3760, 18.8920, -11.9880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

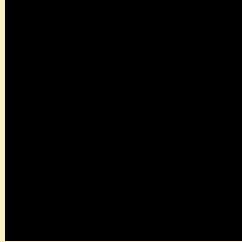
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 238.3760, 18.8920, -11.9880

Background



This preview shows how black text looks on a background with the YIQ color 238.3760, 18.8920, -11.9880.



This preview shows how white text looks on a background with the YIQ color 238.3760, 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

238.3760, 18.8920, -11.9880

Protanopia

238.5830, 22.7430, -10.1930

Deuteranopia

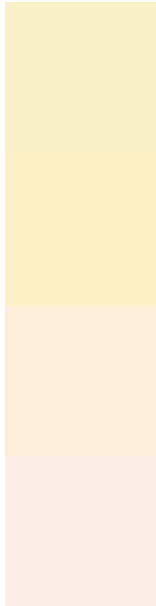
241.0140, 14.5800, 0.0840



Tritanopia

242.2170, 7.0590, 9.7390

Trichromacy



Original Color

238.3760, 18.8920, -11.9880

Protanomaly

238.5720, 21.2760, -11.1400

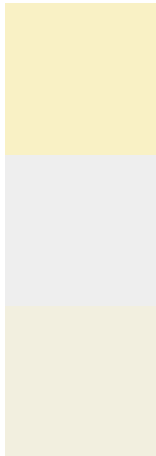
Deuteranomaly

239.8630, 16.3230, -3.9730

Tritanomaly

241.1000, 11.4620, 1.5260

Monochromacy



Original Color

238.3760, 18.8920, -11.9880

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

238.0730, 6.9240, -4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.3760, 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(249, 241, 197)` looks like.

```
.text, #text, p{  
    color:rgb(249, 241, 197)  
}
```

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(249, 241, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 241, 197) }
```

Border

The CSS property to change the border of an element to YIQ 238.3760, 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(249, 241, 197) }
```


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

```
.border{ border-color:rgb(249, 241, 197) }
```

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

Here you see how a box with a 4 pixel rgb(249, 241, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 241, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 241, 197);  
box-shadow:4px 4px 4px 4px rgb(249, 241,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 238.3760, 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(249, 241, 197) }
```

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

```
.background{ background-color: rgb(249,  
241, 197) }
```

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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