

Converting Colors

YIQ(240.1840, 10.6850,
-11.9310)

Have a look what the booklet for
YIQ(240.1840, 10.6850, -11.9310)
contains.

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Color

**YIQ(240.1840, 10.6850,
-11.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F5D0
RGB	243, 245, 208
RGB Percent	95%, 96%, 82%
CMY	0.0471, 0.0392, 0.1842
CMYK	0.01, 0.00, 0.15, 0.04
HSL	63°, 65%, 89%
HSV	63°, 15%, 96%
XYZ	80.9997, 88.9136, 72.5791
YIQ	240.1840, 10.6850, -11.9310

Conversions

Conversions Part 2

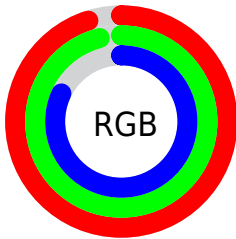
Format	Color
R_{YB}	208, 245, 210
Decimal	15988176
CIE Lab	95.54, -6.75, 17.61
CIE LCh	96, 18.859, 110.975
Yxy	88.9136, 0.3340, 0.3667
Android (android.graphics.Color)	4294178256 (0xFFFF3F5D0)
YUV	240.1840, -15.8667, 2.4696
Hunter-Lab	94.2940, -11.6809, 20.3697

Details

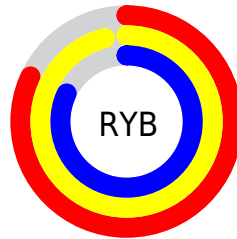
The YIQ color $240.1840, 10.6850, -11.9310$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $212.8160, -10.6850, 11.9310$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.4120, 10.0430, -11.3090$ is the 20% darker color. If you saturate the color by 10%, you get $237.1490, 17.7930, -19.6070$, and if you desaturate by 10%, it is $243.3330, 3.2560, -3.9440$.

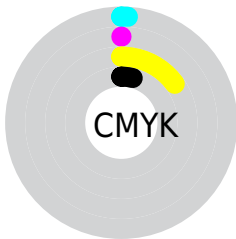
Distribution



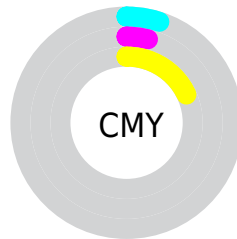
- Red (95%)
- Green (96%)
- Blue (82%)



- Red (82%)
- Yellow (96%)
- Blue (82%)



- Cyan (1%)
- Magenta (0%)
- Yellow (15%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.1840, 10.6850, -11.9310 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 240.1840, 10.6850, -11.9310 by changing the saturation by 10% instead.

240.1840, 10.6850,
-11.9310

240.1840, 10.6850,
-11.9310

255.0000, -0.0000,
-0.0000

211.8850, 10.0890,
-12.1430

184.4120, 10.0430,
-11.3090

157.5260, 9.7220,
-10.9980

131.2270, 9.1260,
-11.2100

105.7540, 9.0800,
-10.3760

81.5690, 8.1630,
-10.2770

58.6830, 7.8420,

-9.9660

■ 36.7970, 7.5210,
-9.6550

■ 16.2140, 1.9730,
-8.2270

■ 240.1840, 10.6850,
-11.9310

■ 240.1840, 10.6850,
-11.9310

■ 237.1490, 17.7930,
-19.6070

■ 243.3330, 3.2560,
-3.9440

■ 233.7010, 24.6260,
-27.8060

■ 246.4390, -2.6140,
3.3220

■ 230.6660, 31.7340,
-35.4820

■ 246.7380, -2.0180,
3.5340

■ 227.5170, 39.1630,
-43.4690

■ 247.0370, -1.4220,
3.7460

■ 224.1830, 45.6750,
-51.3570

■ 247.6350, -0.2300,
4.1700

■ 221.0340, 53.1040,
-59.3440

■ 247.9340, 0.3660,
4.3820

■ 217.9990, 60.2120,
-67.0200

■ 248.2330, 0.9620,
4.5940

■ 214.5510, 67.0450,
-75.2190

■ 248.8310, 2.1540,
5.0180

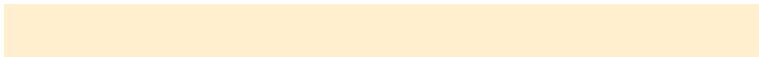
■ 213.1830, 70.8970,
-78.9510

■ 249.1300, 2.7500,
5.2300

Harmonies

Analogous

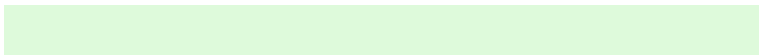
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.0220, 20.1290, -6.8710



240.1840, 10.6850, -11.9310



238.0940, -6.7370, -15.5770

Triad

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



240.1840, 10.6850, -11.9310



235.3210, -32.0010, -9.2570



239.5270, 9.1220, 10.8980

Complementary

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



240.1840, 10.6850, -11.9310



212.8160, -10.6850, 11.9310

Split Complementary

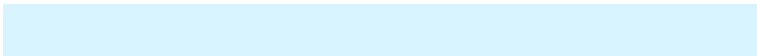
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.6730, 5.7750, 10.9830



240.1840, 10.6850, -11.9310



237.4690, -20.4940, -3.0380

Square

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



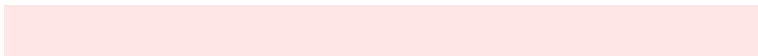
240.1840, 10.6850, -11.9310



235.8860, -35.2100, -11.6740



240.8240, -5.1360, 4.9760



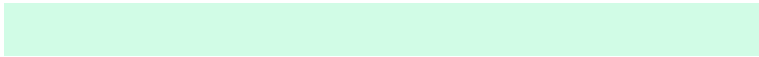
237.4750, 14.9000, 5.3000

Rectangle

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



240.1840, 10.6850, -11.9310



236.6350, -18.5660, -15.9580



240.8240, -5.1360, 4.9760



240.9120, 6.6000, 12.5520

Sweetspot

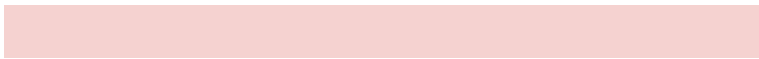
The Sweet Spot groups the original color and five complimentary colors.



240.1840, 10.6850, -11.9310



253.2190, 3.5770, -4.2550



220.2370, 21.5020, 6.7980



126.7890, 1.9720, -2.7000



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

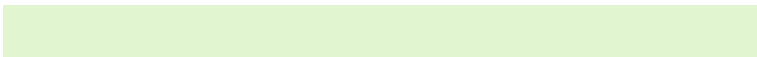
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.1840, 10.6850, -11.9310



249.1580, 13.5740, -14.7300



234.8020, -0.0430, -15.7470



120.6320, 3.8520, -3.7320



161.8060, 53.7460, -59.9660



51.0780, 16.5550, -19.1970

Inverse Universe

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



212.8160, -10.6850, 11.9310



215.1410, -12.9780, 14.9420



218.1980, 0.0430, 15.7470



111.6670, -3.2560, 3.9440



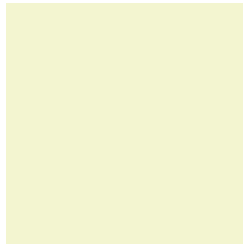
24.1940, -53.7460, 59.9660



7.6230, -17.1510, 18.9850

Previews

White Background



This preview shows how the YIQ color 240.1840, 10.6850, -11.9310 looks on a white background.

Color Contrast Check

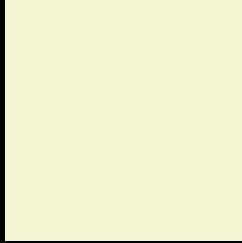
Large Text (above 18pt) WCAG AA × Fail

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 240.1840, 10.6850, -11.9310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

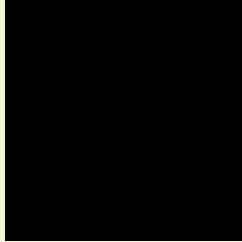
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

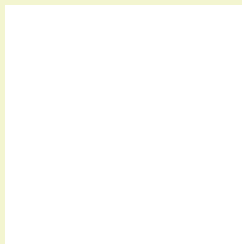
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 240.1840, 10.6850, -11.9310

Background



This preview shows how black text looks on a background with the YIQ color 240.1840, 10.6850, -11.9310.



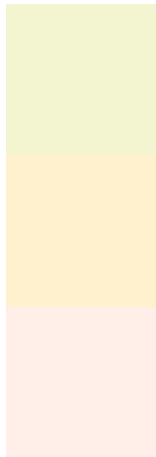
This preview shows how white text looks on a background with the YIQ color 240.1840, 10.6850, -11.9310.

-11.9310.

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

240.1840, 10.6850, -11.9310

Protanopia

241.1960, 19.5790, -7.9170

Deuteranopia

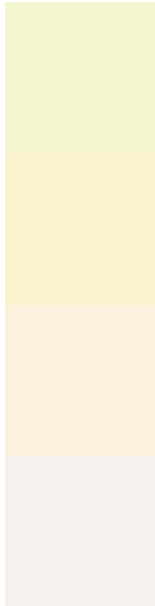
242.9860, 11.7830, 1.2150



Tritanopia

243.8140, 0.8240, 7.0960

Trichromacy



Original Color

240.1840, 10.6850, -11.9310

Protanomaly

240.7010, 16.5990, -8.9770

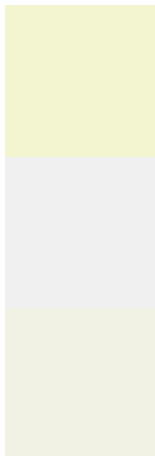
Deuteranomaly

241.9380, 11.7380, -3.4780

Tritanomaly

242.4520, 4.5390, 0.3390

Monochromacy



Original Color

240.1840, 10.6850, -11.9310

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.1050, 3.8980, -4.5660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.1840, 10.6850, -11.9310 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(243, 245, 208)` looks like.

```
.text, #text, p{  
    color:rgb(243, 245, 208)  
}
```

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(243, 245, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 245, 208) }
```

Border

The CSS property to change the border of an element to YIQ 240.1840, 10.6850, -11.9310 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(243, 245, 208) }
```


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

```
.border{ border-color:rgb(243, 245, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 245, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 245, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 245, 208);  
box-shadow:4px 4px 4px 4px rgb(243, 245,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 240.1840, 10.6850, -11.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 245, 208) }
```

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

```
.background{ background-color: rgb(243,  
245, 208) }
```

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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