

Converting Colors

YIQ(244.0350, 10.0870, -1.0890)

Have a look what the booklet for
YIQ(244.0350, 10.0870, -1.0890)
contains.

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Color

**YIQ(244.0350, 10.0870,
-1.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF2E7
RGB	253, 242, 231
RGB Percent	99%, 95%, 91%
CMY	0.0078, 0.0510, 0.0941
CMYK	0.00, 0.04, 0.09, 0.01
HSL	30°, 85%, 95%
HSV	30°, 9%, 99%
XYZ	86.6861, 90.1553, 88.4433
YIQ	244.0350, 10.0870, -1.0890

Conversions

Conversions Part 2

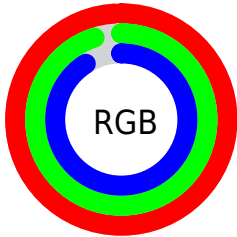
Format	Color
R_{YB}	253, 253, 231
Decimal	16642791
CIE Lab	96.06, 1.86, 6.60
CIE LCh	96, 6.859, 74.225
Yxy	90.1553, 0.3268, 0.3398
Android (android.graphics.Color)	4294832871 (0xFFFD2E7)
YUV	244.0350, -6.4263, 7.8623
Hunter-Lab	94.9501, -3.1986, 11.2382

Details

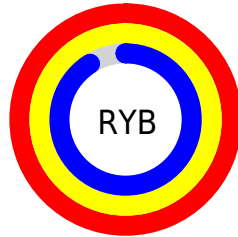
The YIQ color $244.0350, 10.0870, -1.0890$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.9650, -10.0870, 1.0890$, and the grayscale version is $244.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.7360, 9.4910, -1.3010$ is the 20% darker color. If you saturate the color by 10%, you get $233.5540, 21.6870, -2.0650$, and if you desaturate by 10%, it is $254.4020, -1.1920, -0.4240$.

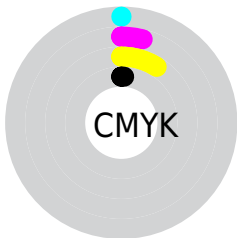
Distribution



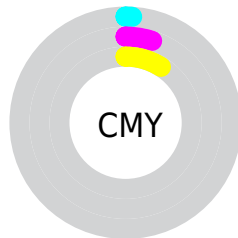
- Red (99%)
- Green (95%)
- Blue (91%)



- Red (99%)
- Yellow (99%)
- Blue (91%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (1%)



- Cyan (1%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 244.0350, 10.0870, -1.0890 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 244.0350, 10.0870, -1.0890 by changing the saturation by 10% instead.

244.0350, 10.0870,
-1.0890

244.0350, 10.0870,
-1.0890

255.0000, -0.0000,
-0.0000

215.7360, 9.4910,
-1.3010

187.7360, 9.4910,
-1.3010

160.8500, 9.1700,
-0.9900

134.8500, 9.1700,
-0.9900

109.5510, 8.5740,
-1.2020

84.6650, 8.2530,
-0.8910

61.7790, 7.9320,

-0.5800

■ 40.1810, 6.7400,
-1.0040

■ 19.0240, 8.6200,
-2.0360

■ 244.0350, 10.0870,
-1.0890

■ 244.0350, 10.0870,
-1.0890

■ 233.5540, 21.6870,
-2.0650

254.4020, -1.1920,
-0.4240

■ 223.5460, 33.3330,
-3.8750

■ 213.0650, 44.9330,
-4.8510

■ 202.5840, 56.5330,
-5.8270

■ 192.6900, 67.8580,
-7.3260

■ 182.0950, 79.7790,
-8.6130

■ 171.6140, 91.3790,
-9.5890

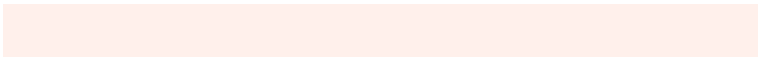
■ 161.7200,
102.7040, -11.0880

■ 151.1250,
114.6250, -12.3750

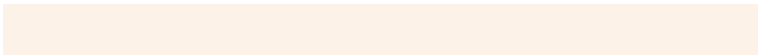
Harmonies

Analogous

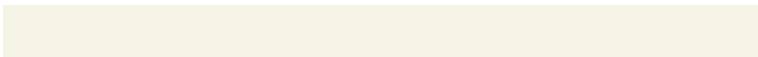
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.9150, 10.5450, 1.6250



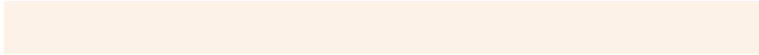
244.0350, 10.0870, -1.0890



243.1160, 5.3650, -3.6190

Triad

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



244.0350, 10.0870, -1.0890



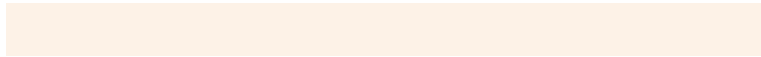
241.9060, -11.5990, -4.5510



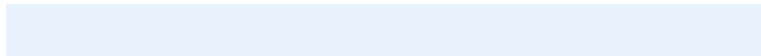
244.7600, 0.9160, 5.4280

Complementary

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



244.0350, 10.0870, -1.0890



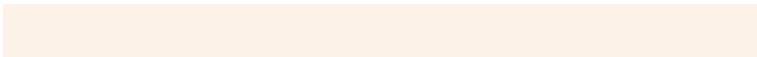
239.9650, -10.0870, 1.0890

Split Complementary

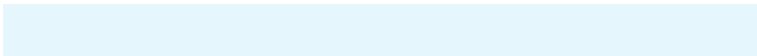
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.7700, -5.0440, 3.3080



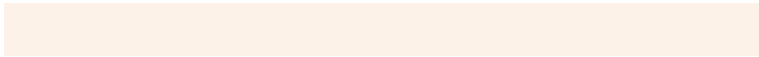
244.0350, 10.0870, -1.0890



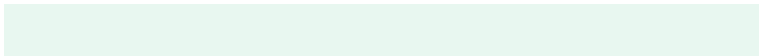
242.3020, -12.6540, -1.9500

Square

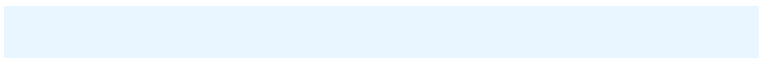
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.0350, 10.0870, -1.0890



241.7170, -6.6930, -5.3570



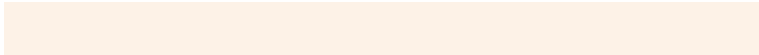
242.5520, -10.3620, 0.5660



245.2830, 6.6930, 5.3570

Rectangle

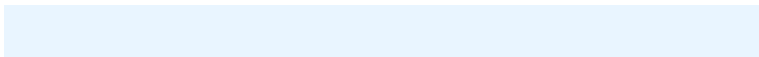
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.0350, 10.0870, -1.0890



243.0230, 1.1930, -5.1030



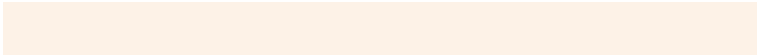
242.5520, -10.3620, 0.5660



244.6780, -1.7890, 4.8910

Sweetspot

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



244.0350, 10.0870, -1.0890



251.7400, 3.6680, -0.3960



238.8320, 9.5810, 8.0850



125.5550, 2.7510, -0.2970



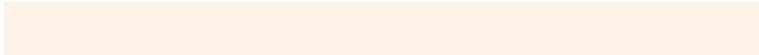
0.0000, 0.0000, 0.0000



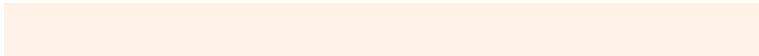
128.0000, -0.0000, -0.0000

Same Dimension

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



244.0350, 10.0870, -1.0890



244.5190, 11.6000, -0.9760



250.4920, 7.0620, -6.8420



122.4090, 6.0980, -0.3820



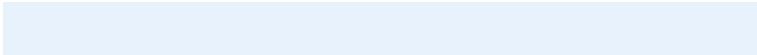
113.4610, 87.4360, -9.7160



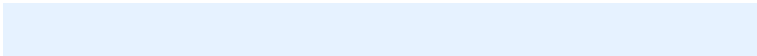
37.9200, 29.3440, -3.1680

Inverse Universe

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



239.9650, -10.0870, 1.0890



239.8940, -11.3250, 1.4990



233.5080, -7.0620, 6.8420



120.0040, -5.8230, 0.9050



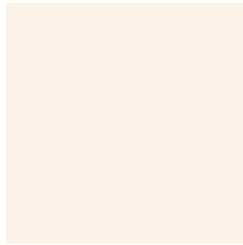
78.1260, -87.7110, 9.1930



26.0800, -29.3440, 3.1680

Previews

White Background



This preview shows how the YIQ color 244.0350, 10.0870, -1.0890 looks on a white background.

Color Contrast Check

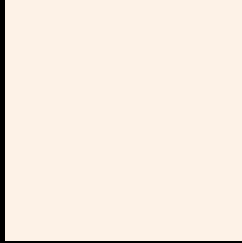
Large Text (above 18pt) WCAG AA × Fail

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 244.0350, 10.0870, -1.0890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

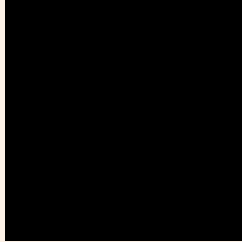
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 244.0350, 10.0870, -1.0890

Background



This preview shows how black text looks on a background with the YIQ color 244.0350, 10.0870, -1.0890.



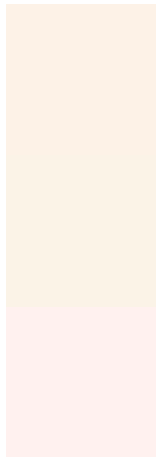
This preview shows how white text looks on a background with the YIQ color 244.0350, 10.0870, -1.0890.

-1.0890.

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

244.0350, 10.0870, -1.0890

Protanopia

244.0240, 8.6200, -2.0360

Deuteranopia

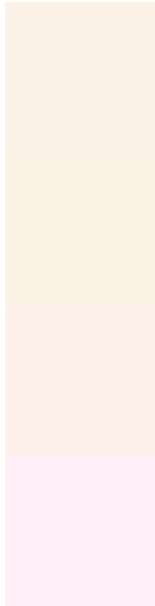
244.9580, 8.9860, 2.3460



Tritanopia

245.6080, 4.4000, 8.3680

Trichromacy



Original Color

244.0350, 10.0870, -1.0890

Protanomaly

244.3230, 9.2160, -1.8240

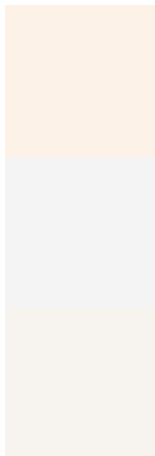
Deuteranomaly

244.3170, 9.3530, 1.2010

Tritanomaly

244.8700, 6.4180, 4.8340

Monochromacy



Original Color

244.0350, 10.0870, -1.0890

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

243.7400, 3.6680, -0.3960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 244.0350, 10.0870, -1.0890 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, 242, 231)` looks like.

```
.text, #text, p{  
    color:rgb(253, 242, 231)  
}
```

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, 242, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 242, 231) }
```

Border

The CSS property to change the border of an element to YIQ 244.0350, 10.0870, -1.0890 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, 242, 231) }
```


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

```
.border{ border-color:rgb(253, 242, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 242, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 242, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 242, 231);  
box-shadow:4px 4px 4px 4px rgb(253, 242,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 244.0350, 10.0870, -1.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 242, 231) }
```

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

```
.background{ background-color: rgb(253,  
242, 231) }
```

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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