

Converting Colors

YIQ(244.1280, 5.0910, -9.6690)

Have a look what the booklet for
YIQ(244.1280, 5.0910, -9.6690)
contains.

YIQ(244.1280, 5.0910, -9.6690)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(244.1280, 5.0910,
-9.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F9DE
RGB	243, 249, 222
RGB Percent	95%, 98%, 87%
CMY	0.0471, 0.0235, 0.1294
CMYK	0.02, 0.00, 0.11, 0.02
HSL	73°, 69%, 92%
HSV	73°, 11%, 98%
XYZ	84.0221, 92.0806, 82.4595
YIQ	244.1280, 5.0910, -9.6690

Conversions

Conversions Part 2

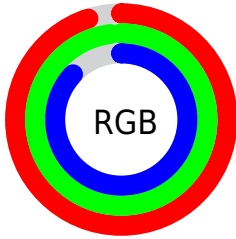
Format	Color
R_{YB}	222, 249, 228
Decimal	15989214
CIE _{Lab}	96.85, -6.57, 12.27
CIE _{LCh}	97, 13.920, 118.156
Yxy	92.0806, 0.3250, 0.3561
Android (android.graphics.Color)	4294179294 (0xFFFF3F9DE)
YUV	244.1280, -10.9091, -0.9893
Hunter-Lab	95.9587, -11.6318, 16.2218

Details

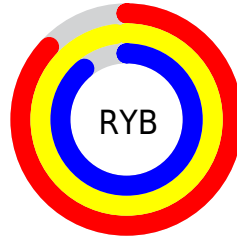
The YIQ color $244.1280, 5.0910, -9.6690$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $226.8720, -5.0910, 9.6690$, and the grayscale version is $244.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $188.2420, 4.7700, -9.3580$ is the 20% darker color. If you saturate the color by 10%, you get $239.4840, 9.5400, -18.7160$, and if you desaturate by 10%, it is $248.7720, 0.6420, -0.6220$.

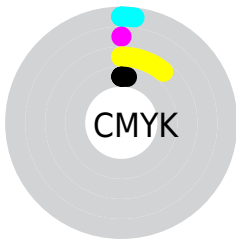
Distribution



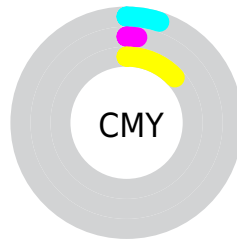
- Red (95%)
- Green (98%)
- Blue (87%)



- Red (87%)
- Yellow (98%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 244.1280, 5.0910, -9.6690 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 244.1280, 5.0910, -9.6690 by changing the saturation by 10% instead.

244.1280, 5.0910,
-9.6690

244.1280, 5.0910,
-9.6690

255.0000, -0.0000,
-0.0000

215.5410, 5.3660,
-9.1460

188.2420, 4.7700,
-9.3580

160.6550, 5.0450,
-8.8350

134.7690, 4.7240,
-8.5240

109.4700, 4.1280,
-8.7360

84.9970, 4.0820,
-7.9020

62.1110, 3.7610,

-7.5910

■ 39.9260, 2.8440,
-7.4920

■ 19.1820, 4.9990,
-8.0010

■ 244.1280, 5.0910,
-9.6690

■ 244.1280, 5.0910,
-9.6690

■ 239.4840, 9.5400,
-18.7160

■ 248.7720, 0.6420,
-0.6220

■ 235.1390, 14.5850,
-27.5510

■ 251.1790, 1.0540,
2.9260

■ 230.4950, 19.0340,
-36.5980

■ 251.4780, 1.6500,
3.1380

■ 226.1500, 24.0790,
-45.4330

■ 221.6200, 28.2070,
-54.1690

■ 217.2750, 33.2520,
-63.0040

■ 212.6310, 37.7010,
-72.0510

■ 208.2860, 42.7460,
-80.8860

■ 204.1690, 47.1490,
-89.0990

Harmonies

Analogous

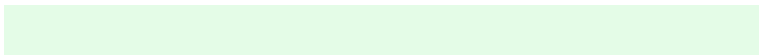
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.0260, 14.3060, -5.9660



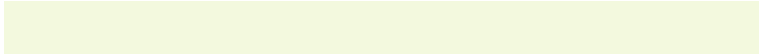
244.1280, 5.0910, -9.6690



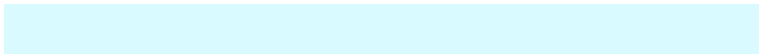
242.4300, -7.5630, -11.6190

Triad

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



244.1280, 5.0910, -9.6690



241.2900, -21.5480, -5.9640



243.5220, 7.5180, 6.9260

Complementary

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



244.1280, 5.0910, -9.6690



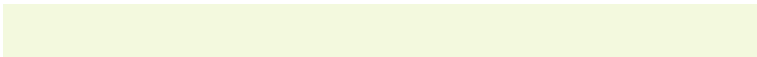
226.8720, -5.0910, 9.6690

Split Complementary

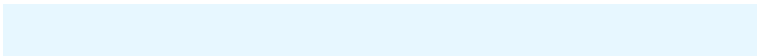
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.6080, 4.4000, 8.3680



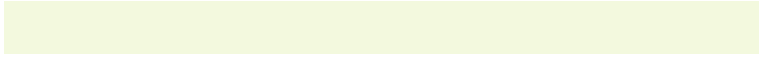
244.1280, 5.0910, -9.6690



243.1280, -12.1040, -0.9040

Square

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



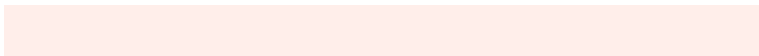
244.1280, 5.0910, -9.6690



241.5560, -25.3530, -8.5930



245.8630, -0.8720, 4.7920



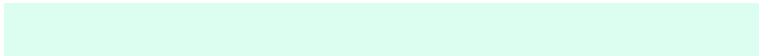
242.6270, 11.4160, 2.3600

Rectangle

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



244.1280, 5.0910, -9.6690



241.9390, -16.3660, -11.7740



245.8630, -0.8720, 4.7920



244.0920, 5.9130, 8.4810

Sweetspot

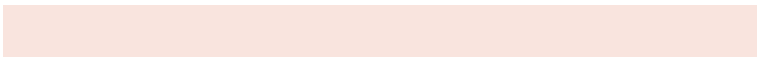
The Sweet Spot groups the original color and five complimentary colors.



244.1280, 5.0910, -9.6690



253.4900, 1.3760, -2.9120



233.5950, 14.4420, 2.5860



126.7180, 0.7340, -2.2900



0.0000, 0.0000, 0.0000



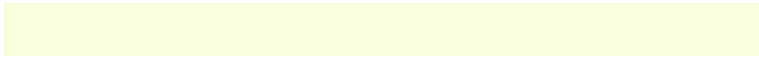
128.0000, -0.0000, -0.0000

Same Dimension

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



244.1280, 5.0910, -9.6690



249.1450, 6.4210, -11.7470



240.2410, -2.6570, -12.4250



122.6210, 2.3850, -4.6790



154.8960, 35.6370, -67.6830



50.1590, 11.8330, -21.7270

Inverse Universe

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



226.8720, -5.0910, 9.6690



227.8550, -6.4210, 11.7470



230.7590, 2.6570, 12.4250



114.3790, -2.3850, 4.6790



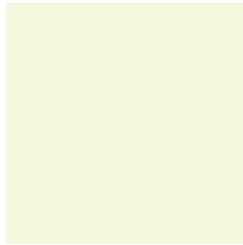
34.1040, -35.6370, 67.6830



11.1400, -11.2370, 21.9390

Previews

White Background



This preview shows how the YIQ color 244.1280, 5.0910, -9.6690 looks on a white background.

Color Contrast Check

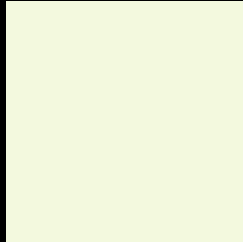
Large Text (above 18pt) WCAG AA × Fail

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 244.1280, 5.0910, -9.6690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

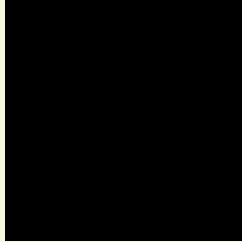
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

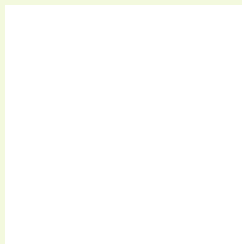
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 244.1280, 5.0910, -9.6690

Background



This preview shows how black text looks on a background with the YIQ color 244.1280, 5.0910, -9.6690.



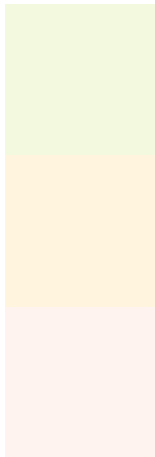
This preview shows how white text looks on a background with the YIQ color 244.1280, 5.0910, -9.6690.

-9.6690.

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

244.1280, 5.0910, -9.6690

Protanopia

245.4820, 13.0220, -4.7220

Deuteranopia

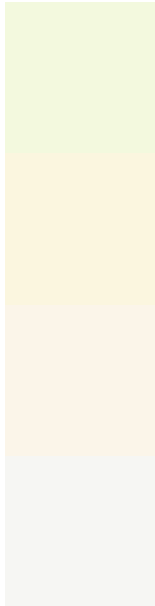
246.2460, 8.1150, 1.6110



Tritanopia

246.4500, -1.1470, 4.2690

Trichromacy



Original Color

244.1280, 5.0910, -9.6690

Protanomaly

244.8730, 10.3630, -6.0930

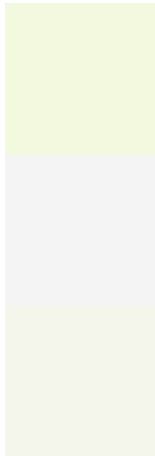
Deuteranomaly

245.4260, 7.4280, -2.4600

Tritanomaly

245.6580, 0.9630, -0.9330

Monochromacy



Original Color

244.1280, 5.0910, -9.6690

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

244.2620, 2.0180, -3.5340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 244.1280, 5.0910, -9.6690 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, 249, 222)` looks like.

```
.text, #text, p{  
    color:rgb(243, 249, 222)  
}
```

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, 249, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 249, 222) }
```

Border

The CSS property to change the border of an element to YIQ 244.1280, 5.0910, -9.6690 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, 249, 222) }
```


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

```
.border{ border-color:rgb(243, 249, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 249, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 249, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 249, 222);  
box-shadow:4px 4px 4px 4px rgb(243, 249,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 244.1280, 5.0910, -9.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 249, 222) }
```

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

```
.background{ background-color: rgb(243,  
249, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor