

Converting Colors

YIQ(235.6130, 14.0310, -6.4890)

Have a look what the booklet for
YIQ(235.6130, 14.0310, -6.4890)
contains.

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Color

**YIQ(235.6130, 14.0310,
-6.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	F5ECD1
RGB	245, 236, 209
RGB Percent	96%, 93%, 82%
CMY	0.0392, 0.0745, 0.1803
CMYK	0.00, 0.04, 0.15, 0.04
HSL	45°, 64%, 89%
HSV	45°, 15%, 96%
XYZ	79.1620, 84.0058, 72.3767
YIQ	235.6130, 14.0310, -6.4890

Conversions

Conversions Part 2

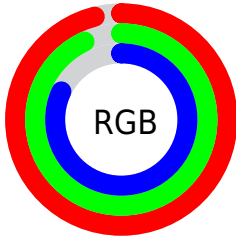
Format	Color
R _Y B	221, 245, 209
Decimal	16116945
CIE Lab	93.45, -1.35, 14.17
CIE LCh	93, 14.230, 95.440
Yxy	84.0058, 0.3361, 0.3566
Android (android.graphics.Color)	4294307025 (0xFFF5ECD1)
YUV	235.6130, -13.1202, 8.2324
Hunter-Lab	91.6547, -6.2255, 17.3389

Details

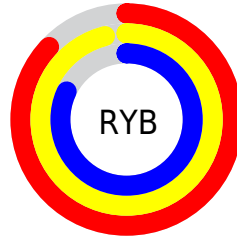
The YIQ color $235.6130, 14.0310, -6.4890$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $218.3870, -14.0310, 6.4890$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.8410, 13.3890, -5.8670$ is the 20% darker color. If you saturate the color by 10%, you get $229.3550, 23.3850, -10.8150$, and if you desaturate by 10%, it is $241.9850, 4.3560, -1.8520$.

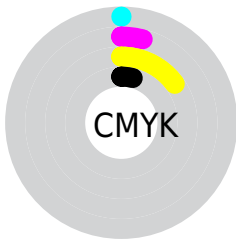
Distribution



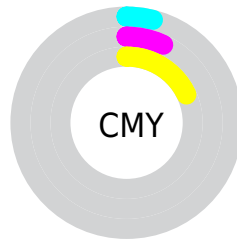
- Red (96%)
- Green (93%)
- Blue (82%)



- Red (87%)
- Yellow (96%)
- Blue (82%)



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



- Cyan (4%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.6130, 14.0310, -6.4890 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 235.6130, 14.0310, -6.4890 by changing the saturation by 10% instead.

235.6130, 14.0310,
-6.4890

235.6130, 14.0310,
-6.4890

255.0000, -0.0000,
-0.0000

207.3140, 13.4350,
-6.7010

179.8410, 13.3890,
-5.8670

152.6560, 12.4720,
-5.7680

127.2430, 12.1970,
-6.2910

102.3570, 11.8760,
-5.9800

78.1720, 10.9590,
-5.8810

55.1010, 9.7210,

-5.4710

■ 33.1010, 9.7210,
-5.4710

■ 12.1160, 5.3650,
-3.6190

■ 235.6130, 14.0310,
-6.4890

■ 235.6130, 14.0310,
-6.4890

■ 229.3550, 23.3850,
-10.8150

■ 241.9850, 4.3560,
-1.8520

■ 222.9830, 33.0600,
-15.4520

■ 247.9010, -4.0350,
1.5410

■ 216.7250, 42.4140,
-19.7780

■ 251.4230, -5.6850,
-1.5970

■ 209.7660, 52.3640,
-23.8920

■ 252.0100, -5.9600,
-2.1200

■ 203.5080, 61.7180,
-28.2180

■ 197.1360, 71.3930,
-32.8550

■ 190.8780, 80.7470,
-37.1810

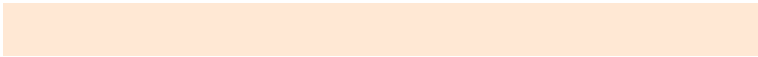
■ 184.5060, 90.4220,
-41.8180

■ 181.2630, 95.4200,
-44.2920

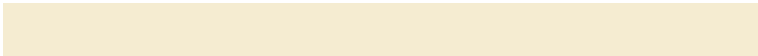
Harmonies

Analogous

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



236.5970, 20.1280, -1.3440



235.6130, 14.0310, -6.4890



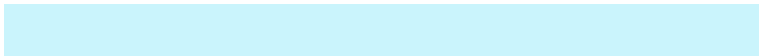
233.7470, 1.7900, -10.4180

Triad

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



235.6130, 14.0310, -6.4890



232.3540, -27.6000, -6.4160



238.3530, 9.6720, 11.9440

Complementary

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



235.6130, 14.0310, -6.4890



218.3870, -14.0310, 6.4890

Split Complementary

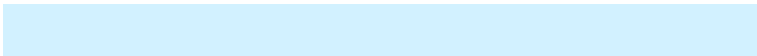
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.6120, -1.4230, 9.2730



235.6130, 14.0310, -6.4890



233.3270, -22.9700, -2.2180

Square

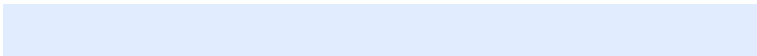
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.6130, 14.0310, -6.4890



231.3560, -21.9140, -10.3460



234.8770, -12.6550, 3.5770



236.1700, 14.4410, 8.1130

Rectangle

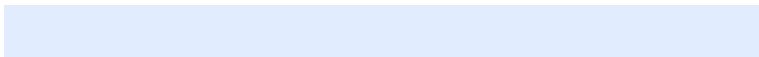
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.6130, 14.0310, -6.4890



232.6150, -6.6460, -11.7180



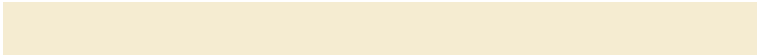
234.8770, -12.6550, 3.5770



238.4990, 6.3250, 12.0290

Sweetspot

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



235.6130, 14.0310, -6.4890



252.0990, 4.0350, -1.5410



220.9040, 18.2460, 10.7420



126.0280, 2.7970, -1.1310



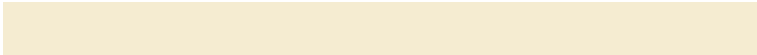
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



235.6130, 14.0310, -6.4890



243.2990, 17.7910, -8.5530



238.5040, 6.7880, -12.8920



118.8710, 4.6770, -2.1630



137.7940, 72.3560, -33.7880



43.4690, 23.0640, -10.5040

Inverse Universe

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



218.3870, -14.0310, 6.4890



221.2880, -18.0660, 8.0300



215.4960, -6.7880, 12.8920



113.1290, -4.6770, 2.1630



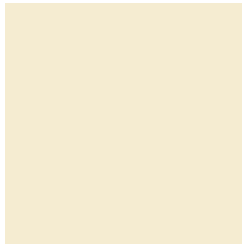
48.7930, -72.6310, 33.2650



15.5310, -23.0640, 10.5040

Previews

White Background



This preview shows how the YIQ color 235.6130, 14.0310, -6.4890 looks on a white background.

Color Contrast Check

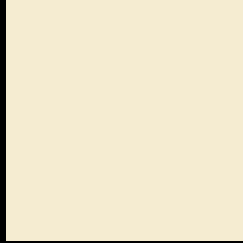
Large Text (above 18pt) WCAG AA × Fail

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 235.6130, 14.0310, -6.4890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

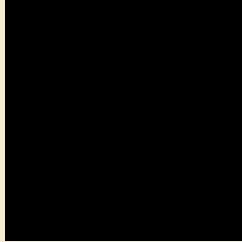
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.6130, 14.0310, -6.4890

Background



This preview shows how black text looks on a background with the YIQ color 235.6130, 14.0310, -6.4890.



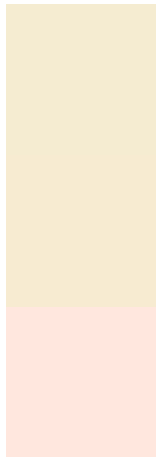
This preview shows how white text looks on a background with the YIQ color 235.6130, 14.0310,

-6.4890.

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

235.6130, 14.0310, -6.4890

Protanopia

235.6240, 15.4980, -5.5420

Deuteranopia

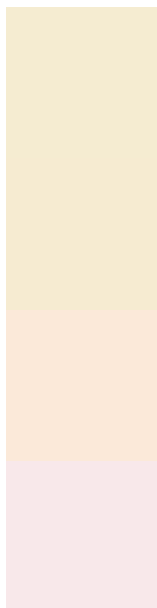
237.1500, 17.1930, 2.2890



Tritanopia

238.0320, 6.1420, 9.8380

Trichromacy



Original Color

235.6130, 14.0310, -6.4890

Protanomaly

235.3250, 14.9020, -5.7540

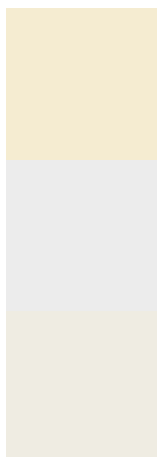
Deuteranomaly

236.5580, 15.8640, -1.1600

Tritanomaly

237.0120, 8.8940, 4.0140

Monochromacy



Original Color

235.6130, 14.0310, -6.4890

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

235.7570, 4.9980, -2.4740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.6130, 14.0310, -6.4890 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(245, 236, 209)` looks like.

```
.text, #text, p{  
    color:rgb(245, 236, 209)  
}
```

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(245, 236, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 236, 209) }
```

Border

The CSS property to change the border of an element to YIQ 235.6130, 14.0310, -6.4890 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(245, 236, 209) }
```


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

```
.border{ border-color:rgb(245, 236, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 236, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 236, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 236, 209);  
box-shadow:4px 4px 4px 4px rgb(245, 236,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 235.6130, 14.0310, -6.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 236, 209) }
```

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

```
.background{ background-color: rgb(245,  
236, 209) }
```

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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