

Converting Colors

YIQ(211.6130, 31.2260,
-15.2540)

Have a look what the booklet for
YIQ(211.6130, 31.2260, -15.2540)
contains.

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Color

**YIQ(211.6130, 31.2260,
-15.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D597
RGB	232, 213, 151
RGB Percent	91%, 84%, 59%
CMY	0.0902, 0.1647, 0.4077
CMYK	0.00, 0.08, 0.35, 0.09
HSL	46°, 64%, 75%
HSV	46°, 35%, 91%
XYZ	62.6609, 66.9763, 38.9220
YIQ	211.6130, 31.2260, -15.2540

Conversions

Conversions Part 2

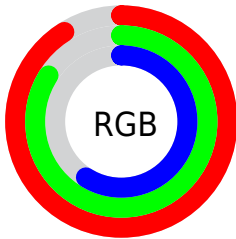
Format	Color
RYB	176, 232, 151
Decimal	15259031
CIELab	85.49, -2.30, 33.05
CIELCh	85, 33.125, 93.978
Yxy	66.9763, 0.3717, 0.3973
Android (android.graphics.Color)	4293449111 (0xFFE8D597)
YUV	211.6130, -29.8822, 17.8794
Hunter-Lab	81.8390, -6.5479, 29.0895

Details

The YIQ color $211.6130, 31.2260, -15.2540$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $171.3870, -31.2260, 15.2540$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.4140, 15.7290, -15.2390$, and $156.9440, 28.7960, -15.2680$ is the 20% darker color. If you saturate the color by 10%, you get $206.0560, 39.9840, -19.7920$, and if you desaturate by 10%, it is $217.1700, 22.4680, -10.7160$.

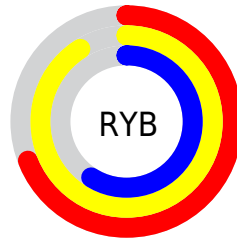
Distribution



Red (91%)

Green (84%)

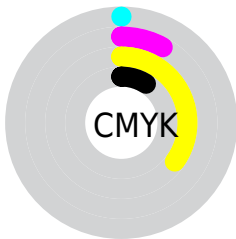
Blue (59%)



Red (69%)

Yellow (91%)

Blue (59%)

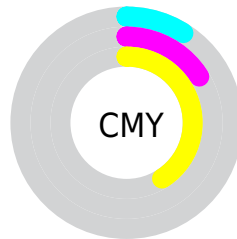


Cyan (0%)

Magenta (8%)

Yellow (35%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.6130, 31.2260, -15.2540 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 211.6130, 31.2260, -15.2540 by changing the saturation by 10% instead.

■ 211.6130, 31.2260,
-15.2540

■ 211.6130, 31.2260,
-15.2540

■ 255.0000, -0.0000,
-0.0000

■ 183.5420, 29.9880,
-14.8440

■ 249.4140, 15.7290,
-15.2390

■ 156.9440, 28.7960,
-15.2680

■ 252.6060, 6.7410,
-6.5310

■ 130.2860, 27.8330,
-14.3350

■ 104.8020, 26.3200,
-14.4480

■ 80.3180, 24.8070,
-14.5610

■ 56.4920, 24.2570,
-15.6070

■ 36.6470, 16.6910,

-10.6450

■ 17.4320, 7.2910,
-5.4850

■ 0.0000, 0.0000,
0.0000

■ 211.6130, 31.2260,
-15.2540

■ 211.6130, 31.2260,
-15.2540

■ 206.0560, 39.9840,
-19.7920

■ 217.1700, 22.4680,
-10.7160

■ 199.9120, 49.0170,
-23.8070

■ 223.3140, 13.4350,
-6.7010

■ 194.2410, 58.0960,
-28.6560

■ 228.9850, 4.3560,
-1.8520

■ 188.0970, 67.1290,
-32.6710

■ 235.1290, -4.6770,
2.1630

■ 182.5400, 75.8870,
-37.2090

■ 239.3180, -9.5830,
2.9690

■ 176.3960, 84.9200,
-41.2240

■ 242.8400,
-11.2330, -0.1690

■ 173.8540, 89.3220,
-43.9100

■ 245.7750,
-12.6080, -2.7840

■ 248.1230,
-13.7080, -4.8760

Harmonies

Analogous

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



212.8310, 45.7120, -2.4480



211.6130, 31.2260, -15.2540



207.8700, 5.2770, -24.0590

Triad

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



211.6130, 31.2260, -15.2540



198.2650, -73.1260, -18.3580



218.2980, 20.6730, 27.3370

Complementary

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



211.6130, 31.2260, -15.2540



171.3870, -31.2260, 15.2540

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.



215.7940, -4.4510, 20.1010



211.6130, 31.2260, -15.2540



201.5210, -61.8030, -8.8030

Square

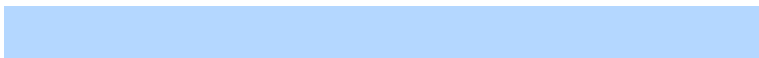
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



211.6130, 31.2260, -15.2540



199.2050, -55.7020, -25.7660



209.0950, -33.7000, 5.0200



212.4160, 31.7240, 19.7880

Rectangle

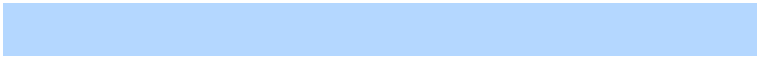
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



211.6130, 31.2260, -15.2540



205.3390, -15.2170, -27.0970



209.0950, -33.7000, 5.0200



218.4050, 13.0620, 27.6060

Sweetspot

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



211.6130, 31.2260, -15.2540



248.6280, 9.6750, -4.6370



177.4990, 41.8560, 23.3920



123.8280, 6.2360, -2.8840



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.



211.6130, 31.2260, -15.2540



228.1270, 41.2220, -20.2020



216.7860, 14.0810, -29.4310



111.8710, 4.6770, -2.1630



133.9400, 69.0090, -33.7030



38.1420, 19.6710, -9.5850

Inverse Universe

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



171.3870, -31.2260, 15.2540



174.8730, -41.2220, 20.2020



166.2140, -14.0810, 29.4310



106.1290, -4.6770, 2.1630



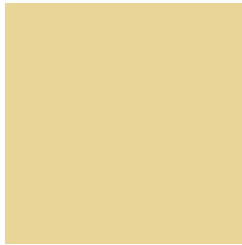
45.0600, -69.0090, 33.7030



12.8580, -19.6710, 9.5850

Previews

White Background



This preview shows how the YIQ color 211.6130, 31.2260, -15.2540 looks on a white background.

Color Contrast Check

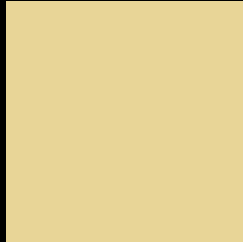
Large Text (above 18pt) WCAG AA × Fail

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 211.6130, 31.2260, -15.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

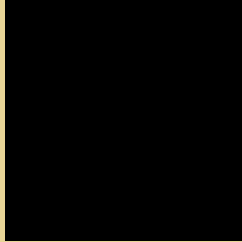
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.6130, 31.2260, -15.2540

Background



This preview shows how black text looks on a background with the YIQ color 211.6130, 31.2260, -15.2540.



This preview shows how white text looks on a background with the YIQ color 211.6130, 31.2260, -15.2540.

-15.2540.

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

211.6130, 31.2260, -15.2540

Protanopia

211.6020, 29.7590, -16.2010

Deuteranopia

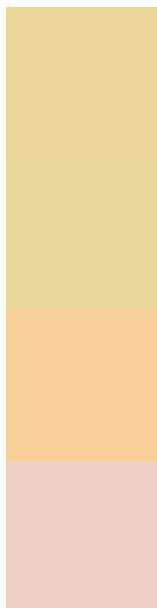
213.7230, 45.8960, -5.7840



Tritanopia

216.5880, 16.3200, 12.6080

Trichromacy



Original Color

211.6130, 31.2260, -15.2540

Protanomaly

211.9010, 30.3550, -15.9890

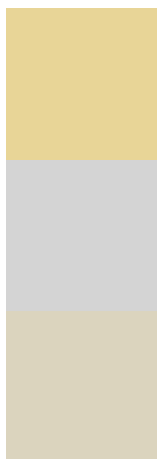
Deuteranomaly

212.9780, 40.6240, -9.3600

Tritanomaly

214.6020, 21.7320, 2.6280

Monochromacy



Original Color

211.6130, 31.2260, -15.2540

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.5850, 11.2340, -5.3580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.6130, 31.2260, -15.2540 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(232, 213, 151)` looks like.

```
.text, #text, p{  
    color:rgb(232, 213, 151)  
}
```

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(232, 213, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 213, 151) }
```

Border

The CSS property to change the border of an element to YIQ 211.6130, 31.2260, -15.2540 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(232, 213, 151) }
```


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

```
.border{ border-color:rgb(232, 213, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 213, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 213, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 213, 151);  
box-shadow:4px 4px 4px 4px rgb(232, 213,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 211.6130, 31.2260, -15.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 213, 151) }
```

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

```
.background{ background-color: rgb(232,  
213, 151) }
```

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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