

Converting Colors

YIQ(228.3130, 6.0080, -9.7680)

Have a look what the booklet for
YIQ(228.3130, 6.0080, -9.7680)
contains.

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Color

**YIQ(228.3130, 6.0080,
-9.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E9CD
RGB	228, 233, 205
RGB Percent	89%, 91%, 80%
CMY	0.1059, 0.0862, 0.1960
CMYK	0.02, 0.00, 0.12, 0.09
HSL	71°, 39%, 86%
HSV	71°, 12%, 91%
XYZ	72.1529, 79.1801, 69.2454
YIQ	228.3130, 6.0080, -9.7680

Conversions

Conversions Part 2

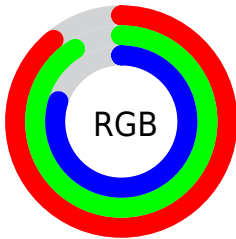
Format	Color
R_{YB}	205, 233, 210
Decimal	15002061
CIE _{Lab}	91.32, -6.45, 13.04
CIE _{LCh}	91, 14.545, 116.333
Yxy	79.1801, 0.3271, 0.3590
Android (android.graphics.Color)	4293192141 (0xFFE4E9CD)
YUV	228.3130, -11.4933, -0.2745
Hunter-Lab	88.9832, -10.9821, 16.1496

Details

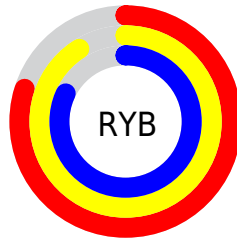
The YIQ color **228.3130, 6.0080, -9.7680** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **209.6870, -6.0080, 9.7680**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **172.5410, 5.3660, -9.1460** is the 20% darker color. If you saturate the color by 10%, you get **224.4950, 11.0070, -17.7690**, and if you desaturate by 10%, it is **232.1310, 1.0090, -1.7670**.

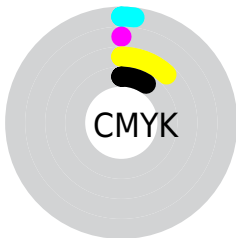
Distribution



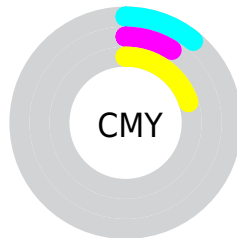
- Red (89%)
- Green (91%)
- Blue (80%)



- Red (80%)
- Yellow (91%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.3130, 6.0080, -9.7680 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 228.3130, 6.0080, -9.7680 by changing the saturation by 10% instead.

■ 228.3130, 6.0080,
-9.7680

■ 228.3130, 6.0080,
-9.7680

255.0000, -0.0000,
-0.0000

■ 200.4270, 5.6870,
-9.4570

■ 172.5410, 5.3660,
-9.1460

■ 146.5410, 5.3660,
-9.1460

■ 120.6550, 5.0450,
-8.8350

■ 95.7690, 4.7240,
-8.5240

■ 71.8830, 4.4030,
-8.2130

■ 49.4100, 4.3570,

-7.3790

■ 28.1820, 4.9990,
-8.0010

■ 5.2830, -2.4750,
-4.7070

■ 228.3130, 6.0080,
-9.7680

■ 228.3130, 6.0080,
-9.7680

■ 224.4950, 11.0070,
-17.7690

■ 232.1310, 1.0090,
-1.7670

■ 220.5630, 16.3270,
-26.0810

■ 236.0630, -4.3110,
6.5450

■ 216.4460, 20.7300,
-34.2940

■ 237.9000, -2.2940,
8.5380

■ 212.6280, 25.7290,
-42.2950

■ 239.0960, 0.0900,
9.3860

■ 208.8100, 30.7280,
-50.2960

■ 240.2920, 2.4740,
10.2340

■ 204.8780, 36.0480,
-58.6080

■ 241.4880, 4.8580,
11.0820

■ 201.0600, 41.0470,
-66.6090

■ 242.0860, 6.0500,
11.5060

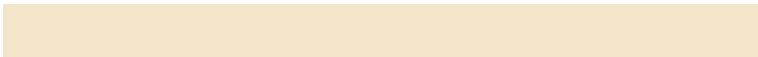
■ 197.2420, 46.0460,
-74.6100

■ 193.8800, 49.7610,
-81.3670

Harmonies

Analogous

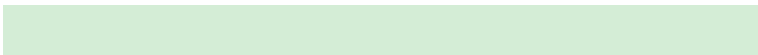
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.1080, 17.0110, -5.4290



228.3130, 6.0080, -9.7680



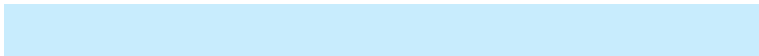
226.9030, -7.5170, -12.4530

Triad

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



228.3130, 6.0080, -9.7680



227.1740, -26.9130, -2.3450



232.4200, 16.7330, 10.6290

Complementary

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



228.3130, 6.0080, -9.7680



209.6870, -6.0080, 9.7680

Split Complementary

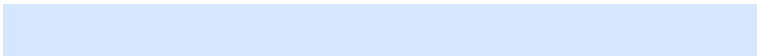
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.7980, 6.9210, 12.2410



228.3130, 6.0080, -9.7680



228.9410, -18.7070, 3.1250

Square

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



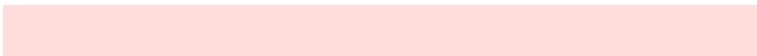
228.3130, 6.0080, -9.7680



225.5990, -26.9120, -7.8720



231.3880, -6.6040, 9.5560



230.8240, 21.2270, 6.2750

Rectangle

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



228.3130, 6.0080, -9.7680



225.8250, -16.0450, -12.0850



231.3880, -6.6040, 9.5560



232.9900, 15.1280, 12.1840

Sweetspot

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



228.3130, 6.0080, -9.7680



253.2620, 2.0180, -3.5340



216.3070, 15.3130, 3.3210



126.6040, 1.0550, -2.6010



0.0000, 0.0000, 0.0000



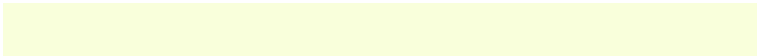
128.0000, -0.0000, -0.0000

Same Dimension

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



228.3130, 6.0080, -9.7680



249.1020, 7.9800, -12.4680



224.1270, -2.3360, -12.7360



115.1480, 2.3390, -3.8450



150.7980, 39.0290, -63.0750



44.8540, 11.3740, -18.9140

Inverse Universe

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



209.6870, -6.0080, 9.7680



225.1970, -7.3840, 12.6800



213.8730, 2.3360, 12.7360



107.8520, -2.3390, 3.8450



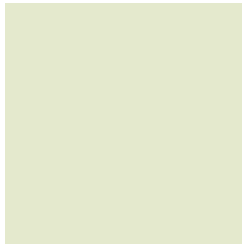
30.2020, -39.0290, 63.0750



9.1460, -11.3740, 18.9140

Previews

White Background



This preview shows how the YIQ color 228.3130, 6.0080, -9.7680 looks on a white background.

Color Contrast Check

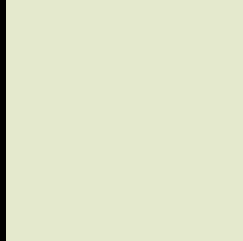
Large Text (above 18pt) WCAG AA × Fail

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 228.3130, 6.0080, -9.7680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

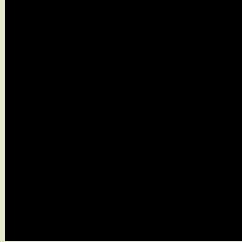
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

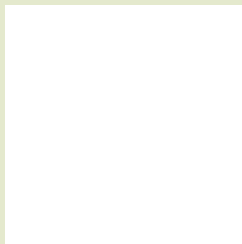
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 228.3130, 6.0080, -9.7680

Background



This preview shows how black text looks on a background with the YIQ color 228.3130, 6.0080, -9.7680.



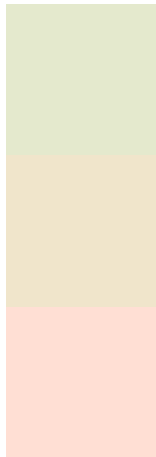
This preview shows how white text looks on a background with the YIQ color 228.3130, 6.0080, -9.7680.

-9.7680.

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

228.3130, 6.0080, -9.7680

Protanopia

229.3250, 14.9020, -5.7540

Deuteranopia

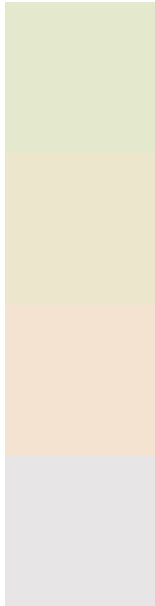
231.3140, 22.6030, 3.3630



Tritanopia

231.1450, -1.6060, 7.0820

Trichromacy



Original Color

228.3130, 6.0080, -9.7680

Protanomaly

228.8300, 11.9220, -6.8140

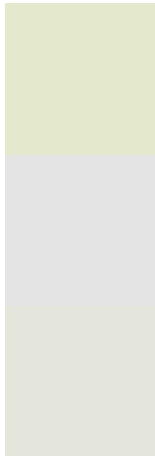
Deuteranomaly

230.3300, 16.5060, -1.7820

Tritanomaly

230.0110, 1.4670, 0.9470

Monochromacy



Original Color

228.3130, 6.0080, -9.7680

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.2620, 2.0180, -3.5340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.3130, 6.0080, -9.7680 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(228, 233, 205)` looks like.

```
.text, #text, p{  
    color:rgb(228, 233, 205)  
}
```

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(228, 233, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 233, 205) }
```

Border

The CSS property to change the border of an element to YIQ 228.3130, 6.0080, -9.7680 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(228, 233, 205) }
```


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

```
.border{ border-color:rgb(228, 233, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 233, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 233, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 233, 205);  
box-shadow:4px 4px 4px 4px rgb(228, 233,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 228.3130, 6.0080, -9.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 233, 205) }
```

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

```
.background{ background-color: rgb(228,  
233, 205) }
```

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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