

Converting Colors

YIQ(228.1870, 6.6030, -4.0290)

Have a look what the booklet for
YIQ(228.1870, 6.6030, -4.0290)
contains.

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Color

**YIQ(228.1870, 6.6030,
-4.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E5D6
RGB	232, 229, 214
RGB Percent	91%, 90%, 84%
CMY	0.0902, 0.1019, 0.1607
CMYK	0.00, 0.01, 0.08, 0.09
HSL	50°, 28%, 87%
HSV	50°, 8%, 91%
XYZ	73.4363, 78.0491, 74.8193
YIQ	228.1870, 6.6030, -4.0290

Conversions

Conversions Part 2

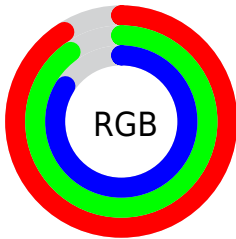
Format	Color
R _Y B	218, 232, 214
Decimal	15263190
CIE Lab	90.80, -1.55, 7.65
CIE LCh	91, 7.810, 101.452
Yxy	78.0491, 0.3245, 0.3449
Android (android.graphics.Color)	4293453270 (0xFFE8E5D6)
YUV	228.1870, -6.9942, 3.3440
Hunter-Lab	88.3454, -6.2280, 11.6294

Details

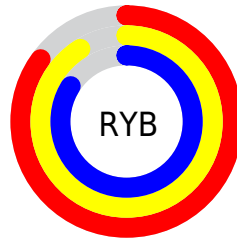
The YIQ color $228.1870, 6.6030, -4.0290$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $217.8130, -6.6030, 4.0290$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $172.8880, 6.0070, -4.2410$ is the 20% darker color. If you saturate the color by 10%, you get $223.2170, 15.0860, -9.0900$, and if you desaturate by 10%, it is $233.1570, -1.8800, 1.0320$.

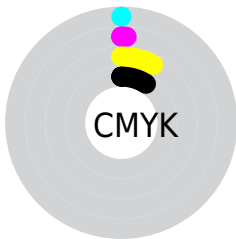
Distribution



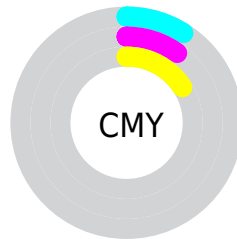
- Red (91%)
- Green (90%)
- Blue (84%)



- Red (85%)
- Yellow (91%)
- Blue (84%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.1870, 6.6030, -4.0290 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 228.1870, 6.6030, -4.0290 by changing the saturation by 10% instead.

■ 228.1870, 6.6030,
-4.0290

■ 228.1870, 6.6030,
-4.0290

255.0000, -0.0000,
-0.0000

■ 200.1870, 6.6030,
-4.0290

■ 172.8880, 6.0070,
-4.2410

■ 146.3010, 6.2820,
-3.7180

■ 120.4150, 5.9610,
-3.4070

■ 96.1160, 5.3650,
-3.6190

■ 72.2300, 5.0440,
-3.3080

■ 49.3440, 4.7230,

-2.9970

■ 28.3440, 4.7230,
-2.9970

■ 2.3480, -1.1000,
-2.0920

■ 228.1870, 6.6030,
-4.0290

■ 228.1870, 6.6030,
-4.0290

■ 223.2170, 15.0860,
-9.0900

■ 233.1570, -1.8800,
1.0320

■ 218.2470, 23.5690,
-14.1510

■ 237.5570, -8.7580,
4.5380

■ 213.1630, 32.3730,
-19.5230

■ 239.9050, -9.8580,
2.4460

■ 208.7800, 40.5810,
-25.1070

■ 241.6660,
-10.6830, 0.8770

■ 203.8100, 49.0640,
-30.1680

■ 244.0140,
-11.7830, -1.2150

■ 198.8400, 57.5470,
-35.2290

■ 246.3620,
-12.8830, -3.3070

■ 193.8700, 66.0300,
-40.2900

■ 248.1230,
-13.7080, -4.8760

■ 188.7860, 74.8340,
-45.6620

■ 183.8160, 83.3170,
-50.7230

Harmonies

Analogous

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



229.5190, 11.6000, -0.9760



228.1870, 6.6030, -4.0290



227.0120, -0.2740, -6.0500

Triad

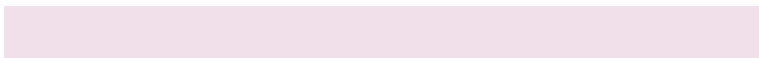
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.1870, 6.6030, -4.0290



226.4050, -14.4420, -2.5860



230.2230, 6.9220, 6.7140

Complementary

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



228.1870, 6.6030, -4.0290



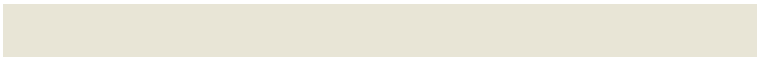
217.8130, -6.6030, 4.0290

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.



229.9880, 0.2740, 6.0500



228.1870, 6.6030, -4.0290



227.8830, -12.7920, 0.5520

Square

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



228.1870, 6.6030, -4.0290



226.1940, -12.4700, -5.2860



228.8130, -6.6030, 4.0290



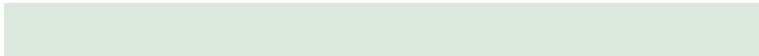
230.5070, 11.8740, 5.0740

Rectangle

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



228.1870, 6.6030, -4.0290



226.5600, -4.8130, -6.3890



228.8130, -6.6030, 4.0290



230.4400, 4.8130, 6.3890

Sweetspot

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



228.1870, 6.6030, -4.0290



253.8430, 1.8800, -1.0320



219.7240, 9.7650, 4.7490



127.0710, 1.2380, -0.4100



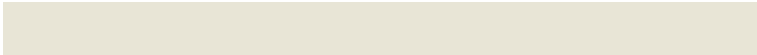
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



228.1870, 6.6030, -4.0290



250.0300, 8.4830, -5.0610



228.1540, 2.2020, -6.8700



112.4580, 4.4020, -2.6860



140.9840, 65.7090, -39.9790



40.4900, 18.5710, -11.6770

Inverse Universe

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



217.8130, -6.6030, 4.0290



236.9700, -8.4830, 5.0610



217.8460, -2.2020, 6.8700



105.5420, -4.4020, 2.6860



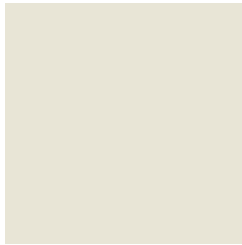
38.0160, -65.7090, 39.9790



10.5100, -18.5710, 11.6770

Previews

White Background



This preview shows how the YIQ color 228.1870, 6.6030, -4.0290 looks on a white background.

Color Contrast Check

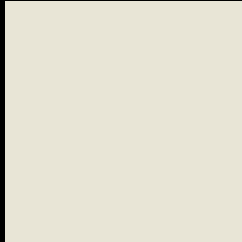
Large Text (above 18pt) WCAG AA × Fail

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 228.1870, 6.6030, -4.0290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

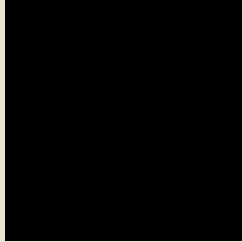
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

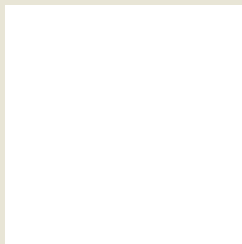
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 228.1870, 6.6030, -4.0290

Background



This preview shows how black text looks on a background with the YIQ color 228.1870, 6.6030, -4.0290.



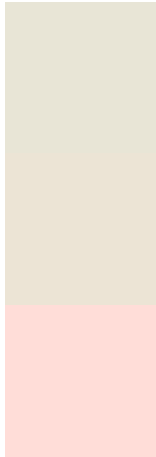
This preview shows how white text looks on a background with the YIQ color 228.1870, 6.6030, -4.0290.

-4.0290.

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

228.1870, 6.6030, -4.0290

Protanopia

228.6820, 9.5830, -2.9690

Deuteranopia

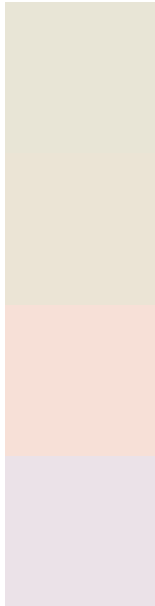
230.5960, 21.8690, 5.6530



Tritanopia

230.2270, 1.0990, 7.6190

Trichromacy



Original Color

228.1870, 6.6030, -4.0290

Protanomaly

228.3830, 8.9870, -3.1810

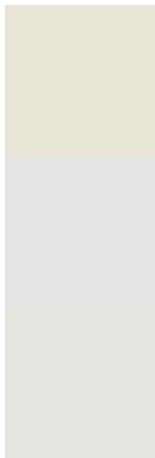
Deuteranomaly

229.8510, 16.5970, 2.0770

Tritanomaly

229.3750, 3.4380, 3.7740

Monochromacy



Original Color

228.1870, 6.6030, -4.0290

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.7290, 2.2010, -1.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.1870, 6.6030, -4.0290 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, 229, 214)` looks like.

```
.text, #text, p{  
    color:rgb(232, 229, 214)  
}
```

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, 229, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 229, 214) }
```

Border

The CSS property to change the border of an element to YIQ 228.1870, 6.6030, -4.0290 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, 229, 214) }
```


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

```
.border{ border-color:rgb(232, 229, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 229, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 229, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 229, 214);  
box-shadow:4px 4px 4px 4px rgb(232, 229,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 228.1870, 6.6030, -4.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 229, 214) }
```

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

```
.background{ background-color: rgb(232,  
229, 214) }
```

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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