

Converting Colors

YIQ(196.6210, -6.7830,
-14.7430)

Have a look what the booklet for
YIQ(196.6210, -6.7830, -14.7430)
contains.

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Color

**YIQ(196.6210, -6.7830,
-14.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D0B3
RGB	181, 208, 179
RGB Percent	71%, 82%, 70%
CMY	0.2903, 0.1843, 0.2980
CMYK	0.13, 0.00, 0.14, 0.18
HSL	116°, 24%, 76%
HSV	116°, 14%, 82%
XYZ	49.7463, 58.1931, 51.2577
YIQ	196.6210, -6.7830, -14.7430

Conversions

Conversions Part 2

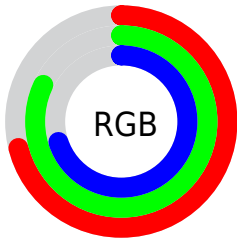
Format	Color
R _{YB}	179, 208, 206
Decimal	11915443
CIE Lab	80.85, -14.50, 11.39
CIE LCh	81, 18.437, 141.836
Yxy	58.1931, 0.3125, 0.3655
Android (android.graphics.Color)	4290105523 (0xFFB5D0B3)
YUV	196.6210, -8.6872, -13.6996
Hunter-Lab	76.2844, -17.0949, 13.5604

Details

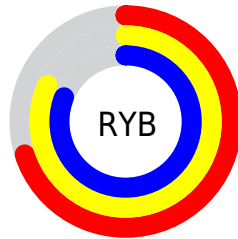
The YIQ color $196.6210, -6.7830, -14.7430$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $190.3790, 6.7830, 14.7430$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.3380, -4.3080, -10.0360$, and $143.0340, -6.5080, -14.2200$ is the 20% darker color. If you saturate the color by 10%, you get $188.5460, -11.3660, -25.3020$, and if you desaturate by 10%, it is $204.6960, -2.2000, -4.1840$.

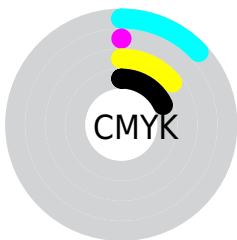
Distribution



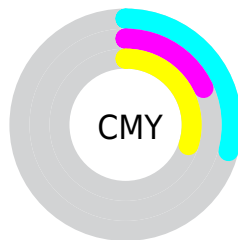
- Red (71%)
- Green (82%)
- Blue (70%)



- Red (70%)
- Yellow (82%)
- Blue (81%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)



- Cyan (29%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.6210, -6.7830, -14.7430 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 196.6210, -6.7830, -14.7430 by changing the saturation by 10% instead.

■ 196.6210, -6.7830,
-14.7430

■ 196.6210, -6.7830,
-14.7430

255.0000, -0.0000,
-0.0000

■ 169.0340, -6.5080,
-14.2200

■ 247.3380, -4.3080,
-10.0360

■ 143.0340, -6.5080,
-14.2200

■ 117.4470, -6.2330,
-13.6970

■ 91.9740, -6.2790,
-12.8630

■ 68.3870, -6.0040,
-12.3400

■ 45.9140, -6.0500,
-11.5060

■ 25.0990, -5.1330,

-11.6050

■ 3.5220, -1.6500,
-3.1380

■ 0.0000, 0.0000,
0.0000

■ 196.6210, -6.7830,
-14.7430

■ 196.6210, -6.7830,
-14.7430

■ 188.5460,
-11.3660, -25.3020

■ 204.6960, -2.2000,
-4.1840

■ 180.1720,
-16.5450, -36.0730

■ 213.0700, 2.9790,
6.5870

■ 172.2110,
-21.4490, -46.3210

■ 221.0310, 7.8830,
16.8350

■ 163.8370,
-26.6280, -57.0920

■ 227.4110, 12.9250,
24.5810

■ 155.7620,
-31.2110, -67.6510

■ 147.6870,
-35.7940, -78.2100

■ 139.3130,
-40.9730, -88.9810

■ 131.3520,
-45.8770, -99.2290

■ 126.2820,
-48.8560, -105.8160

Harmonies

Analogous

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



199.1130, 9.4470, -11.5210



196.6210, -6.7830, -14.7430



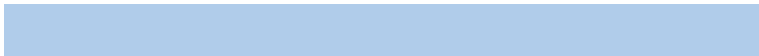
195.1230, -22.8760, -14.9400

Triad

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



196.6210, -6.7830, -14.7430



199.0480, -26.3180, 3.3940



203.3520, 28.6080, 10.1760

Complementary

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



196.6210, -6.7830, -14.7430



190.3790, 6.7830, 14.7430

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.



204.0940, 20.7670, 14.6150



196.6210, -6.7830, -14.7430



201.9900, -11.2350, 10.8850

Square

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



196.6210, -6.7830, -14.7430



195.8140, -34.7070, -4.2670



203.4930, 6.4620, 15.0540



202.4950, 29.3430, 2.3590

Rectangle

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



196.6210, -6.7830, -14.7430



194.3980, -30.9000, -12.6920



203.4930, 6.4620, 15.0540



203.9220, 27.0030, 11.7310

Sweetspot

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



196.6210, -6.7830, -14.7430



250.8700, -2.7500, -5.2300



203.5200, 9.8590, -7.9730



125.4080, -1.3290, -3.4490



0.0000, 0.0000, 0.0000



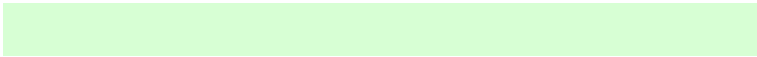
128.0000, -0.0000, -0.0000

Same Dimension

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



196.6210, -6.7830, -14.7430



238.1380, -10.0370, -21.8530



197.3910, -11.8270, -11.4350



100.7560, -2.4290, -5.5410



101.9050, -39.6440, -85.5320



24.9640, -9.4870, -20.8070

Inverse Universe

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



190.3790, 6.7830, 14.7430



228.8620, 10.0370, 21.8530



189.6090, 11.8270, 11.4350



98.2440, 2.4290, 5.5410



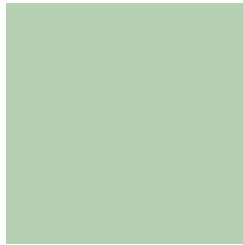
66.0950, 39.6440, 85.5320



16.0360, 9.4870, 20.8070

Previews

White Background



This preview shows how the YIQ color 196.6210, -6.7830, -14.7430 looks on a white background.

Color Contrast Check

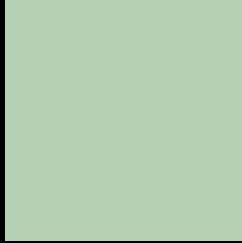
Large Text (above 18pt) WCAG AA × Fail

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 196.6210, -6.7830, -14.7430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

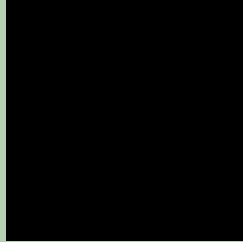
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.6210, -6.7830, -14.7430

Background



This preview shows how black text looks on a background with the YIQ color 196.6210, -6.7830, -14.7430.



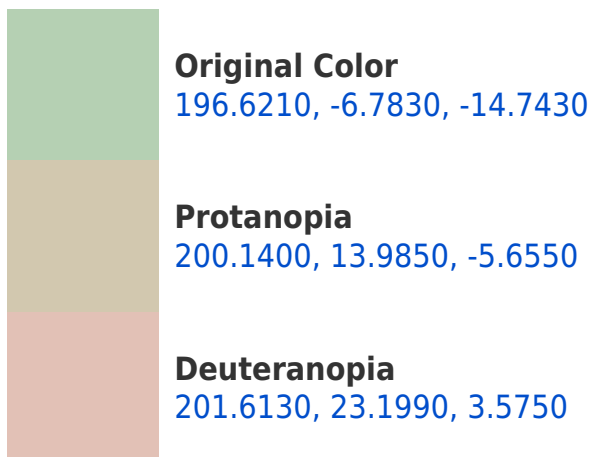
This preview shows how white text looks on a background with the YIQ color 196.6210, -6.7830,

-14.7430.

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





Tritanopia

199.3390, -14.0760, 1.7960

Trichromacy



Original Color

196.6210, -6.7830, -14.7430

Protanomaly

198.7260, 6.2830, -9.2450

Deuteranomaly

199.6500, 12.6090, -2.7430

Tritanomaly

198.3190, -11.3240, -4.0280

Monochromacy



Original Color

196.6210, -6.7830, -14.7430

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.7560, -2.4290, -5.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.6210, -6.7830, -14.7430 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(181, 208, 179)` looks like.

```
.text, #text, p{  
    color:rgb(181, 208, 179)  
}
```

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(181, 208, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 208, 179) }
```

Border

The CSS property to change the border of an element to YIQ 196.6210, -6.7830, -14.7430 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(181, 208, 179) }
```


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

```
.border{ border-color:rgb(181, 208, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 208, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 208, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 208, 179); box-shadow:4px 4px 4px 4px rgb(181, 208, 179) }
```

Background

The CSS property to change the background color of an element to YIQ 196.6210, -6.7830, -14.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 208, 179) }
```

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

```
.background{ background-color: rgb(181,  
208, 179) }
```

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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