

Converting Colors

YIQ(196.3680, 4.1750, -15.0970)

Have a look what the booklet for
YIQ(196.3680, 4.1750, -15.0970)
contains.

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Color

**YIQ(196.3680, 4.1750,
-15.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCDA6
RGB	191, 205, 166
RGB Percent	75%, 80%, 65%
CMY	0.2510, 0.1960, 0.3490
CMYK	0.07, 0.00, 0.19, 0.20
HSL	82°, 28%, 73%
HSV	82°, 19%, 80%
XYZ	50.1989, 57.4935, 44.5337
YIQ	196.3680, 4.1750, -15.0970

Conversions

Conversions Part 2

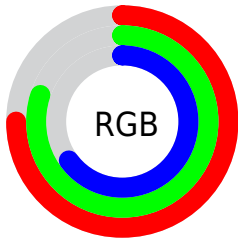
Format	Color
RYB	166, 205, 180
Decimal	12570022
CIELab	80.46, -11.60, 17.85
CIELCh	80, 21.283, 123.022
Yxy	57.4935, 0.3298, 0.3777
Android (android.graphics.Color)	4290760102 (0xFFBFCD A6)
YUV	196.3680, -14.9714, -4.7077
Hunter-Lab	75.8245, -14.5185, 18.2545

Details

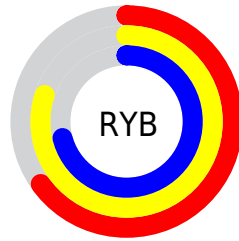
The YIQ color $196.3680, 4.1750, -15.0970$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $174.6320, -4.1750, 15.0970$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.0310, 6.7420, -12.0580$, and $142.5960, 3.5330, -14.4750$ is the 20% darker color. If you saturate the color by 10%, you get $191.9950, 6.4230, -22.8010$, and if you desaturate by 10%, it is $200.8550, 1.6060, -7.0820$.

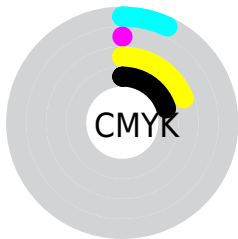
Distribution



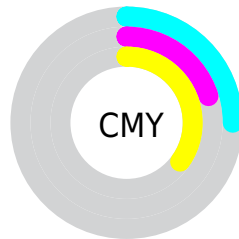
- Red (75%)
- Green (80%)
- Blue (65%)



- Red (65%)
- Yellow (80%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)



- Cyan (25%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.3680, 4.1750, -15.0970 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 196.3680, 4.1750, -15.0970 by changing the saturation by 10% instead.

■ 196.3680, 4.1750,
-15.0970

■ 196.3680, 4.1750,
-15.0970

255.0000, -0.0000,
-0.0000

■ 169.4820, 3.8540,
-14.7860

■ 249.0310, 6.7420,
-12.0580

■ 142.5960, 3.5330,
-14.4750

■ 254.4300, 1.6050,
-1.5550

■ 117.0090, 3.8080,
-13.9520

■ 92.2370, 3.1660,
-13.3300

■ 68.3510, 2.8450,
-13.0190

■ 45.8780, 2.7990,
-12.1850

■ 25.3620, 4.3120,

-12.0720

■ 1.7610, -0.8250,
-1.5690

■ 0.0000, 0.0000,
0.0000

■ 196.3680, 4.1750,
-15.0970

■ 196.3680, 4.1750,
-15.0970

■ 191.9950, 6.4230,
-22.8010

■ 200.8550, 1.6060,
-7.0820

■ 187.2090, 8.3960,
-31.0280

■ 205.5270, -0.0460,
0.8340

■ 182.8360, 10.6440,
-38.7320

■ 210.0140, -2.6150,
8.8490

■ 178.0500, 12.6170,
-46.9590

■ 214.3870, -4.8630,
16.5530

■ 173.6770, 14.8650,
-54.6630

■ 217.5770, -2.3420,
20.4260

■ 169.1900, 17.4340,
-62.6780

■ 219.6700, 1.8300,
21.9100

■ 164.5180, 19.0860,
-70.5940

■ 222.0620, 6.5980,
23.6060

■ 160.0310, 21.6550,
-78.6090

■ 224.1550, 10.7700,
25.0900

■ 159.5040, 21.7010,
-79.4430

■ 225.6500, 13.7500,
26.1500

Harmonies

Analogous

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



198.7400, 20.8630, -9.1610



196.3680, 4.1750, -15.0970



193.8480, -14.8520, -17.1880

Triad

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



196.3680, 4.1750, -15.0970



195.1280, -38.4670, -2.2030



203.2150, 27.7360, 14.9680

Complementary

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



196.3680, 4.1750, -15.0970



174.6320, -4.1750, 15.0970

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.



203.0810, 13.6140, 17.5980



196.3680, 4.1750, -15.0970



199.0530, -24.7140, 7.3660

Square

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



196.3680, 4.1750, -15.0970



192.1180, -41.6750, -10.1470



202.0340, -5.3670, 14.6730



201.9350, 34.1560, 8.7480

Rectangle

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



196.3680, 4.1750, -15.0970



192.6170, -27.3230, -16.9470



202.0340, -5.3670, 14.6730



203.4150, 24.2970, 16.7210

Sweetspot

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



196.3680, 4.1750, -15.0970



251.4960, 1.2390, -5.9370



185.8790, 19.3940, 0.9460



125.7780, 0.5050, -3.6470



0.0000, 0.0000, 0.0000



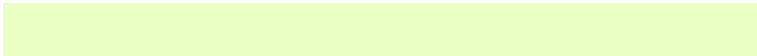
128.0000, -0.0000, -0.0000

Same Dimension

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



196.3680, 4.1750, -15.0970



241.9950, 6.4230, -22.8010



190.6870, -7.1490, -19.1250



99.6640, 0.8260, -3.9580



129.1360, 17.5260, -64.3460



29.4820, 3.8540, -14.7860

Inverse Universe

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



174.6320, -4.1750, 15.0970



209.0050, -6.4230, 22.8010



180.3130, 7.1490, 19.1250



94.0370, -1.4220, 3.7460



36.8640, -17.5260, 64.3460



8.5180, -3.8540, 14.7860

Previews

White Background



This preview shows how the YIQ color 196.3680, 4.1750, -15.0970 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 196.3680, 4.1750, -15.0970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

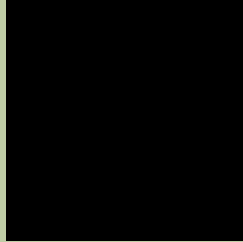
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.3680, 4.1750, -15.0970

Background



This preview shows how black text looks on a background with the YIQ color 196.3680, 4.1750, -15.0970.



This preview shows how white text looks on a background with the YIQ color 196.3680, 4.1750, -15.0970.

-15.0970.

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

196.3680, 4.1750, -15.0970

Protanopia

198.4840, 18.7080, -8.6520

Deuteranopia

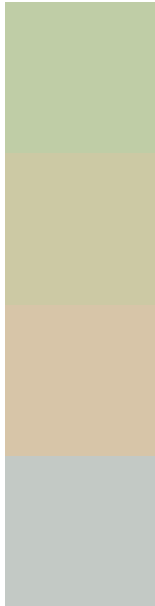
200.4410, 29.4350, 0.6910



Tritanopia

199.8240, -5.1360, 4.9760

Trichromacy



Original Color

196.3680, 4.1750, -15.0970

Protanomaly

197.6790, 13.6650, -10.8710

Deuteranomaly

199.0760, 20.0370, -5.2030

Tritanomaly

198.7500, -2.2920, -2.5160

Monochromacy



Original Color

196.3680, 4.1750, -15.0970

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.9090, 1.5140, -5.4140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.3680, 4.1750, -15.0970 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(191, 205, 166)` looks like.

```
.text, #text, p{  
    color:rgb(191, 205, 166)  
}
```

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(191, 205, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 205, 166) }
```

Border

The CSS property to change the border of an element to YIQ 196.3680, 4.1750, -15.0970 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(191, 205, 166) }
```


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

```
.border{ border-color:rgb(191, 205, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 205, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 205, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 205, 166);  
box-shadow:4px 4px 4px 4px rgb(191, 205,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 196.3680, 4.1750, -15.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 205, 166) }
```

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

```
.background{ background-color: rgb(191,  
205, 166) }
```

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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