

Converting Colors

YIQ(196.3510, 2.8450, -13.0190)

Have a look what the booklet for
YIQ(196.3510, 2.8450, -13.0190)
contains.

YIQ(196.3510, 2.8450, -13.0190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(196.3510, 2.8450,
-13.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCCAB
RGB	191, 204, 171
RGB Percent	75%, 80%, 67%
CMY	0.2510, 0.2000, 0.3294
CMYK	0.06, 0.00, 0.16, 0.20
HSL	84°, 24%, 74%
HSV	84°, 16%, 80%
XYZ	50.4283, 57.2036, 46.9163
YIQ	196.3510, 2.8450, -13.0190

Conversions

Conversions Part 2

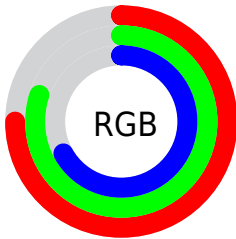
Format	Color
R_{YB}	171, 204, 184
Decimal	12569771
CIE _{Lab}	80.29, -10.28, 14.96
CIE _{LCh}	80, 18.157, 124.499
Yxy	57.2036, 0.3263, 0.3701
Android (android.graphics.Color)	4290759851 (0xFFBFCCAB)
YUV	196.3510, -12.4980, -4.6928
Hunter-Lab	75.6331, -13.3431, 16.1647

Details

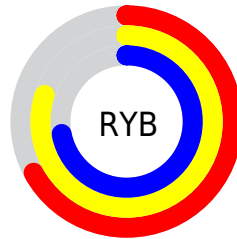
The YIQ color **196.3510, 2.8450, -13.0190** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **178.6490, -2.8450, 13.0190**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **249.3020, 4.5410, -10.7150**, and **142.5790, 2.2030, -12.3970** is the 20% darker color. If you saturate the color by 10%, you get **191.6790, 4.4970, -20.9350**, and if you desaturate by 10%, it is **201.0230, 1.1930, -5.1030**.

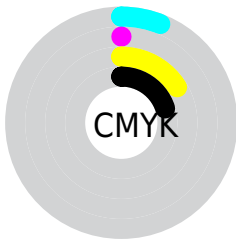
Distribution



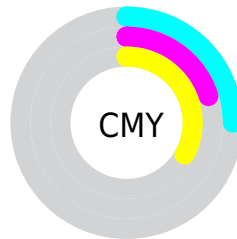
- Red (75%)
- Green (80%)
- Blue (67%)



- Red (67%)
- Yellow (80%)
- Blue (72%)



- Cyan (6%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)





- Cyan (25%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 196.3510, 2.8450, -13.0190 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 196.3510, 2.8450, -13.0190 by changing the saturation by 10% instead.

 196.3510, 2.8450,
-13.0190

 196.3510, 2.8450,
-13.0190


255.0000, -0.0000,
-0.0000


 169.3510, 2.8450,
-13.0190


 249.3020, 4.5410,
-10.7150

 142.5790, 2.2030,
-12.3970

 116.9920, 2.4780,
-11.8740

 92.1060, 2.1570,
-11.5630

 68.6330, 2.1110,
-10.7290

 46.3340, 1.5150,
-10.9410

 24.7750, 4.5870,

-11.5490

■ 1.1740, -0.5500,
-1.0460

■ 0.0000, 0.0000,
0.0000

■ 196.3510, 2.8450,
-13.0190

■ 196.3510, 2.8450,
-13.0190

■ 191.6790, 4.4970,
-20.9350

■ 201.0230, 1.1930,
-5.1030

■ 186.8930, 6.4700,
-29.1620

■ 205.8090, -0.7800,
3.1240

■ 182.2210, 8.1220,
-37.0780

■ 210.4810, -2.4320,
11.0400

■ 177.4350, 10.0950,
-45.3050

■ 215.2670, -4.4050,
19.2670

■ 172.7630, 11.7470,
-53.2210

■ 217.8870, -0.2790,
21.5850

■ 168.0910, 13.3990,
-61.1370

■ 220.2790, 4.4890,
23.2810

■ 163.3050, 15.3720,
-69.3640

■ 222.6710, 9.2570,
24.9770

■ 158.6330, 17.0240,
-77.2800

■ 225.0630, 14.0250,
26.6730

■ 156.8240, 17.8040,
-80.4040

Harmonies

Analogous

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



198.5270, 17.1490, -7.9310



196.3510, 2.8450, -13.0190



194.5000, -13.7520, -15.0960

Triad

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



196.3510, 2.8450, -13.0190



195.4770, -32.1400, -1.2280



202.1930, 24.8020, 13.0740

Complementary

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



196.3510, 2.8450, -13.0190



178.6490, -2.8450, 13.0190

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.



202.3150, 12.8350, 15.1950



196.3510, 2.8450, -13.0190



198.9780, -20.1290, 6.8710

Square

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



196.3510, 2.8450, -13.0190



193.2930, -34.7980, -8.1260



201.3500, -3.4410, 12.8070



201.5430, 29.3880, 7.0520

Rectangle

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



196.3510, 2.8450, -13.0190



193.3510, -23.5180, -14.3180



201.3500, -3.4410, 12.8070



202.5670, 20.8130, 13.7810

Sweetspot

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



196.3510, 2.8450, -13.0190



252.0230, 1.1930, -5.1030



188.4980, 16.0930, 0.1970



125.8920, 0.1840, -3.3360



0.0000, 0.0000, 0.0000



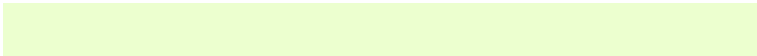
128.0000, -0.0000, -0.0000

Same Dimension

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



196.3510, 2.8450, -13.0190



243.8470, 4.0840, -18.9560



191.5670, -6.6910, -16.4110



99.6640, 0.8260, -3.9580



127.3420, 13.9500, -65.6180



29.1830, 3.2580, -14.9980

Inverse Universe

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



178.6490, -2.8450, 13.0190



218.1530, -4.0840, 18.9560



183.4330, 6.6910, 16.4110



94.3360, -0.8260, 3.9580



38.3590, -14.5460, 65.4060



8.8170, -3.2580, 14.9980

Previews

White Background



This preview shows how the YIQ color 196.3510, 2.8450, -13.0190 looks on a white background.

Color Contrast Check

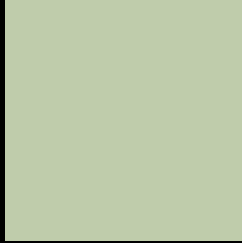
Large Text (above 18pt) WCAG AA × Fail

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 196.3510, 2.8450, -13.0190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

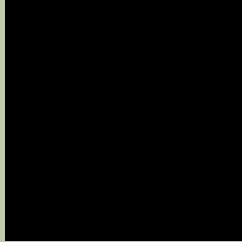
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

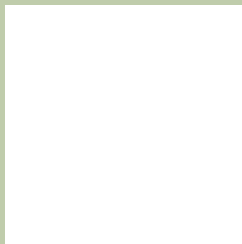
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 196.3510, 2.8450, -13.0190

Background



This preview shows how black text looks on a background with the YIQ color 196.3510, 2.8450, -13.0190.



This preview shows how white text looks on a background with the YIQ color 196.3510, 2.8450,

-13.0190.

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

196.3510, 2.8450, -13.0190

Protanopia

197.8690, 16.1860, -6.9980

Deuteranopia

200.4130, 26.6380, 1.8220



Tritanopia

199.5250, -5.7320, 4.7640

Trichromacy



Original Color

196.3510, 2.8450, -13.0190

Protanomaly

197.0640, 11.1430, -9.2170

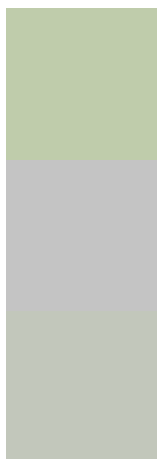
Deuteranomaly

198.7600, 18.1110, -3.3370

Tritanomaly

198.2770, -2.3380, -1.6820

Monochromacy



Original Color

196.3510, 2.8450, -13.0190

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.1370, 0.8720, -4.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.3510, 2.8450, -13.0190 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, 204, 171)` looks like.

```
.text, #text, p{  
    color:rgb(191, 204, 171)  
}
```

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, 204, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 204, 171) }
```

Border

The CSS property to change the border of an element to YIQ 196.3510, 2.8450, -13.0190 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, 204, 171) }
```


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

```
.border{ border-color:rgb(191, 204, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 204, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 204, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 204, 171);  
box-shadow:4px 4px 4px 4px rgb(191, 204,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 196.3510, 2.8450, -13.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 204, 171) }
```

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

```
.background{ background-color: rgb(191,  
204, 171) }
```

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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