

Converting Colors

YIQ(196.5520, -2.3350,
-18.2630)

Have a look what the booklet for
YIQ(196.5520, -2.3350, -18.2630)
contains.

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Color

**YIQ(196.5520, -2.3350,
-18.2630)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D1A8
RGB	183, 209, 168
RGB Percent	72%, 82%, 66%
CMY	0.2824, 0.1803, 0.3411
CMYK	0.12, 0.00, 0.20, 0.18
HSL	98°, 31%, 74%
HSV	98°, 20%, 82%
XYZ	49.3947, 58.4982, 45.7365
YIQ	196.5520, -2.3350, -18.2630

Conversions

Conversions Part 2

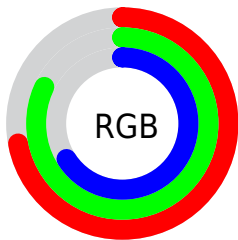
Format	Color
R_{YB}	168, 209, 194
Decimal	12046760
CIE _{Lab}	81.01, -16.18, 17.48
CIE _{LCh}	81, 23.819, 132.775
Yxy	58.4982, 0.3215, 0.3808
Android (android.graphics.Color)	4290236840 (0xFFB7D1A8)
YUV	196.5520, -14.0761, -11.8851
Hunter-Lab	76.4841, -18.5689, 18.0842

Details

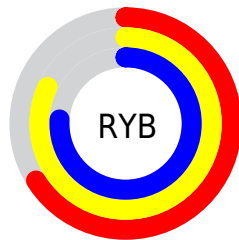
The YIQ color **196.5520, -2.3350, -18.2630** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **180.4480, 2.3350, 18.2630**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **246.5680, 0.7360, -13.3440**, and **143.0790, -2.3810, -17.4290** is the 20% darker color. If you saturate the color by 10%, you get **190.2710, -3.3420, -27.5500**, and if you desaturate by 10%, it is **202.8330, -1.3280, -8.9760**.

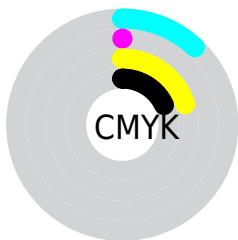
Distribution



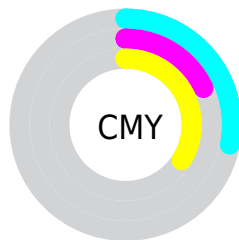
- Red (72%)
- Green (82%)
- Blue (66%)



- Red (66%)
- Yellow (82%)
- Blue (76%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)



- Cyan (28%)
- Magenta (18%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.5520, -2.3350, -18.2630 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 196.5520, -2.3350, -18.2630 by changing the saturation by 10% instead.

 196.5520, -2.3350,
-18.2630


 196.5520, -2.3350,
-18.2630


255.0000, -0.0000,
-0.0000


 169.0790, -2.3810,
-17.4290


 246.5680, 0.7360,
-13.3440


 143.0790, -2.3810,
-17.4290

 254.6580, 0.9630,
-0.9330

 116.6060, -2.4270,
-16.5950

 92.0190, -2.1520,
-16.0720

 68.2470, -2.7940,
-15.4500

 45.7740, -2.8400,
-14.6160

 24.4430, -0.4100,

-14.6020

■ 4.1090, -1.9250,
-3.6610

■ 0.0000, 0.0000,
0.0000

■ 196.5520, -2.3350,
-18.2630

■ 196.5520, -2.3350,
-18.2630

■ 190.2710, -3.3420,
-27.5500

■ 202.8330, -1.3280,
-8.9760

■ 183.6910, -4.9450,
-37.0490

■ 209.4130, 0.2750,
0.5230

■ 177.4100, -5.9520,
-46.3360

■ 215.6940, 1.2820,
9.8100

■ 171.1290, -6.9590,
-55.6230

■ 221.9750, 2.2890,
19.0970

■ 164.8480, -7.9660,
-64.9100

■ 226.2040, 9.0740,
22.7860

■ 158.3820, -9.8900,
-74.0980

■ 227.9980, 12.6500,
24.0580

■ 152.1010,
-10.8970, -83.3850

■ 145.8200,
-11.9040, -92.6720

■ 145.4070,
-12.1790, -93.1950

Harmonies

Analogous

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



199.3650, 17.4250, -12.9350



196.5520, -2.3350, -18.2630



193.8900, -23.8380, -19.5340

Triad

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



196.5520, -2.3350, -18.2630



196.7520, -40.1640, 1.0200



204.3360, 34.7050, 15.3210

Complementary

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



196.5520, -2.3350, -18.2630



180.4480, 2.3350, 18.2630

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.



205.4410, 21.4080, 19.5200



196.5520, -2.3350, -18.2630



201.4280, -21.2760, 11.1400

Square

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



196.5520, -2.3350, -18.2630



192.9370, -48.4150, -9.1430



204.2630, 1.4180, 18.3620



203.5070, 38.2370, 6.3730

Rectangle

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



196.5520, -2.3350, -18.2630



192.4140, -36.9970, -17.8370



204.2630, 1.4180, 18.3620



204.6500, 30.9450, 17.3850

Sweetspot

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



196.5520, -2.3350, -18.2630



250.3000, -1.1450, -6.7850



195.5210, 17.2860, -4.9060



125.1800, -0.6870, -4.0710



0.0000, 0.0000, 0.0000



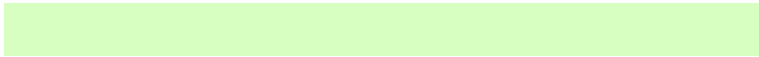
128.0000, -0.0000, -0.0000

Same Dimension

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



196.5520, -2.3350, -18.2630



236.3850, -3.6630, -27.2390



192.6370, -12.8800, -19.8880



101.6530, -0.6410, -4.9050



116.8550, -9.8440, -74.9320



28.5520, -2.3350, -18.2630

Inverse Universe

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



180.4480, 2.3350, 18.2630



212.6150, 3.6630, 27.2390



184.3630, 12.8800, 19.8880



97.3470, 0.6410, 4.9050



51.1450, 9.8440, 74.9320



12.4480, 2.3350, 18.2630

Previews

White Background



This preview shows how the YIQ color 196.5520, -2.3350, -18.2630 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 196.5520, -2.3350, -18.2630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

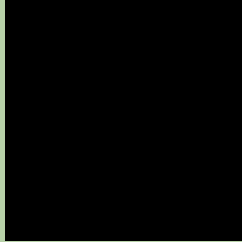
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.5520, -2.3350, -18.2630

Background



This preview shows how black text looks on a background with the YIQ color 196.5520, -2.3350, -18.2630.



This preview shows how white text looks on a background with the YIQ color 196.5520, -2.3350,

-18.2630.

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

196.5520, -2.3350, -18.2630

Protanopia

199.7830, 19.3040, -8.4400

Deuteranopia

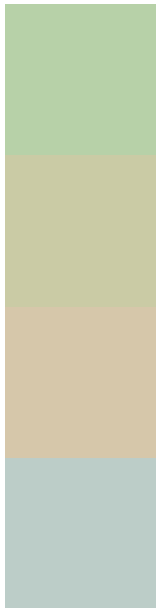
201.8540, 29.7100, 1.2140



Tritanopia

200.5350, -11.6920, 2.6440

Trichromacy



Original Color

196.5520, -2.3350, -18.2630

Protanomaly

198.3690, 11.6020, -12.0300

Deuteranomaly

200.1790, 18.2490, -5.8390

Tritanomaly

199.3470, -8.5270, -5.1590

Monochromacy



Original Color

196.5520, -2.3350, -18.2630

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.5990, -0.5490, -6.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.5520, -2.3350, -18.2630 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(183, 209, 168)` looks like.

```
.text, #text, p{  
    color:rgb(183, 209, 168)  
}
```

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(183, 209, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 209, 168) }
```

Border

The CSS property to change the border of an element to YIQ 196.5520, -2.3350, -18.2630 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(183, 209, 168) }
```


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

```
.border{ border-color:rgb(183, 209, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 209, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 209, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 209, 168);  
box-shadow:4px 4px 4px 4px rgb(183, 209,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 196.5520, -2.3350, -18.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 209, 168) }
```

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

```
.background{ background-color: rgb(183,  
209, 168) }
```

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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