

Converting Colors

YIQ(196.3550, 5.0490, -30.9430)

Have a look what the booklet for
YIQ(196.3550, 5.0490, -30.9430)
contains.

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Color

**YIQ(196.3550, 5.0490,
-30.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D78A
RGB	182, 215, 138
RGB Percent	71%, 84%, 54%
CMY	0.2864, 0.1568, 0.4587
CMYK	0.15, 0.00, 0.36, 0.16
HSL	86°, 49%, 69%
HSV	86°, 36%, 84%
XYZ	48.1766, 60.3846, 33.1687
YIQ	196.3550, 5.0490, -30.9430

Conversions

Conversions Part 2

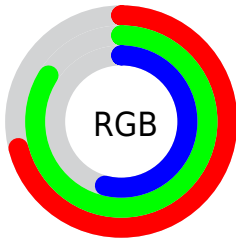
Format	Color
RYB	138, 215, 171
Decimal	11982730
CIELab	82.05, -23.96, 34.47
CIElCh	82, 41.981, 124.794
Yxy	60.3846, 0.3399, 0.4261
Android (android.graphics.Color)	4290172810 (0xFFB6D78A)
YUV	196.3550, -28.7690, -12.5893
Hunter-Lab	77.7075, -25.3228, 29.0879

Details

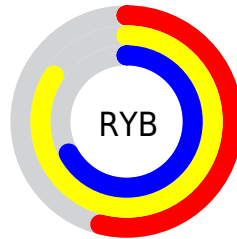
The YIQ color $196.3550, 5.0490, -30.9430$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $156.6450, -5.0490, 30.9430$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.0340, 10.6870, -22.9850$, and $142.1100, 4.3610, -29.4870$ is the 20% darker color. If you saturate the color by 10%, you get $191.2700, 6.4260, -39.3820$, and if you desaturate by 10%, it is $201.5540, 3.3510, -22.1930$.

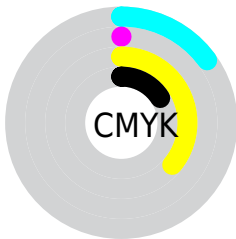
Distribution



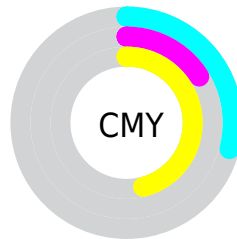
- Red (71%)
- Green (84%)
- Blue (54%)



- Red (54%)
- Yellow (84%)
- Blue (67%)



- Cyan (15%)
- Magenta (0%)
- Yellow (36%)
- Black (16%)



- Cyan (29%)
- Magenta (16%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.3550, 5.0490, -30.9430 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 196.3550, 5.0490, -30.9430 by changing the saturation by 10% instead.

■ 196.3550, 5.0490,
-30.9430

■ 196.3550, 5.0490,
-30.9430

■ 255.0000, -0.0000,
-0.0000

■ 168.8820, 5.0030,
-30.1090

■ 243.0340, 10.6870,
-22.9850

■ 142.1100, 4.3610,
-29.4870

■ 251.0100, 11.2350,
-10.8850

■ 116.2240, 4.0400,
-29.1760

■ 254.3160, 1.9260,
-1.8660

■ 90.8650, 3.6730,
-28.0310

■ 66.4520, 3.3980,
-28.5540

■ 44.4780, 0.5090,
-25.7550

■ 23.1920, -10.1290,

-20.1850

■ 8.2180, -3.8500,
-7.3220

■ 0.0000, 0.0000,
0.0000

■ 196.3550, 5.0490,
-30.9430

■ 196.3550, 5.0490,
-30.9430

■ 191.2700, 6.4260,
-39.3820

■ 201.5540, 3.3510,
-22.1930

■ 186.0710, 8.1240,
-48.1320

■ 206.6390, 1.9740,
-13.7540

■ 180.6870, 8.9050,
-56.7830

■ 212.1370, 0.8720,
-4.7920

■ 175.4880, 10.6030,
-65.5330

■ 217.2220, -0.5050,
3.6470

■ 170.4030, 11.9800,
-73.9720

■ 222.4210, -2.2030,
12.3970

■ 165.2040, 13.6780,
-82.7220

■ 226.1380, 0.2720,
17.1040

■ 162.9820, 14.1830,
-86.3690

■ 229.1280, 6.2320,
19.2240

■ 231.5200, 11.0000,
20.9200

Harmonies

Analogous

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



200.9740, 37.2790, -20.3290



196.3550, 5.0490, -30.9430



189.6460, -35.4350, -35.1390

Triad

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



196.3550, 5.0490, -30.9430



183.3590, -87.8900, -15.1060



200.4820, 40.5260, 25.4700

Complementary

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



196.3550, 5.0490, -30.9430



156.6450, -5.0490, 30.9430

Split Complementary

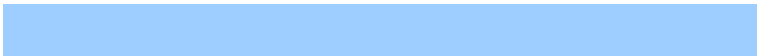
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



208.4500, 26.3570, 34.4610



196.3550, 5.0490, -30.9430



197.2340, -44.3370, 5.0630

Square

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



196.3550, 5.0490, -30.9430



172.9160, -114.9840, -30.6960



206.6570, -5.3230, 24.8930



199.0850, 51.3490, 11.0370

Rectangle

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



196.3550, 5.0490, -30.9430



184.3190, -65.1910, -35.5190



206.6570, -5.3230, 24.8930



202.6650, 35.7570, 29.3010

Sweetspot

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



196.3550, 5.0490, -30.9430



248.2200, 1.8360, -11.2520



179.8070, 37.0920, -0.4120



123.6700, 0.6890, -6.9830



0.0000, 0.0000, 0.0000



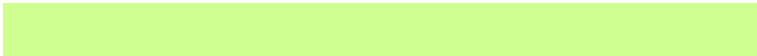
128.0000, -0.0000, -0.0000

Same Dimension

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



196.3550, 5.0490, -30.9430



228.4070, 7.2980, -44.1740



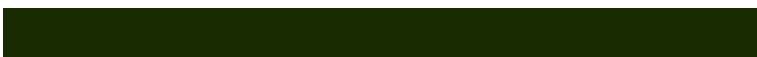
184.9930, -17.5990, -38.9990



104.5500, 1.1470, -4.2690



129.6790, 11.3830, -68.6570



32.7160, 3.0750, -17.1890

Inverse Universe

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



156.6450, -5.0490, 30.9430



171.5930, -7.2980, 44.1740



168.0070, 17.5990, 38.9990



98.7490, -0.5510, 4.4810



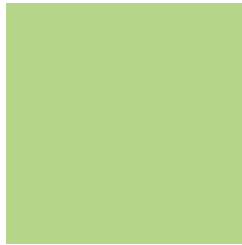
41.3210, -11.3830, 68.6570



10.5830, -2.4790, 17.4010

Previews

White Background



This preview shows how the YIQ color 196.3550, 5.0490, -30.9430 looks on a white background.

Color Contrast Check

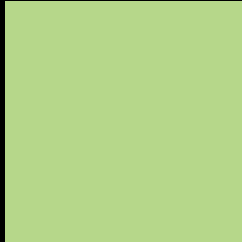
Large Text (above 18pt) WCAG AA × Fail

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 196.3550, 5.0490, -30.9430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

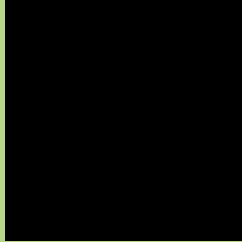
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.3550, 5.0490, -30.9430

Background



This preview shows how black text looks on a background with the YIQ color 196.3550, 5.0490, -30.9430.



This preview shows how white text looks on a background with the YIQ color 196.3550, 5.0490, -30.9430.

-30.9430.

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

196.3550, 5.0490, -30.9430

Protanopia

200.9890, 32.9230, -18.4770

Deuteranopia

203.3100, 45.6210, -6.3070



Tritanopia

203.5350, -11.6920, 2.6440

Trichromacy



Original Color

196.3550, 5.0490, -30.9430

Protanomaly

199.3790, 22.8370, -22.9150

Deuteranomaly

200.7270, 30.9050, -14.9430

Tritanomaly

201.2670, -5.5460, -9.6260

Monochromacy



Original Color

196.3550, 5.0490, -30.9430

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.2200, 1.8360, -11.2520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.3550, 5.0490, -30.9430 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(182, 215, 138)` looks like.

```
.text, #text, p{  
    color:rgb(182, 215, 138)  
}
```

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(182, 215, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 215, 138) }
```

Border

The CSS property to change the border of an element to YIQ 196.3550, 5.0490, -30.9430 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(182, 215, 138) }
```


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

```
.border{ border-color:rgb(182, 215, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 215, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 215, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 215, 138);  
box-shadow:4px 4px 4px 4px rgb(182, 215,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 196.3550, 5.0490, -30.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 215, 138) }
```

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

```
.background{ background-color: rgb(182,  
215, 138) }
```

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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