

Converting Colors

YIQ(196.3090, -14.5320,
-11.9720)

Have a look what the booklet for
YIQ(196.3090, -14.5320, -11.9720)
contains.

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Color

**YIQ(196.3090, -14.5320,
-11.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD0C0
RGB	175, 208, 192
RGB Percent	69%, 82%, 75%
CMY	0.3138, 0.1842, 0.2471
CMYK	0.16, 0.00, 0.08, 0.18
HSL	151°, 26%, 75%
HSV	151°, 16%, 82%
XYZ	49.7465, 58.0351, 58.4424
YIQ	196.3090, -14.5320, -11.9720

Conversions

Conversions Part 2

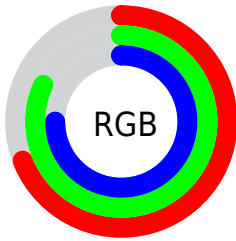
Format	Color
RYB	175, 197, 208
Decimal	11522240
CIELab	80.76, -14.12, 4.29
CIELCh	81, 14.754, 163.107
Yxy	58.0351, 0.2993, 0.3491
Android (android.graphics.Color)	4289712320 (0xFFAFD0C0)
YUV	196.3090, -2.1243, -18.6880
Hunter-Lab	76.1808, -16.7547, 7.8419

Details

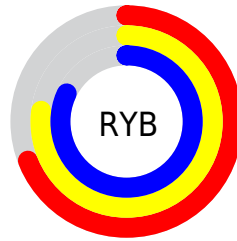
The YIQ color $196.3090, -14.5320, -11.9720$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $186.6910, 14.5320, 11.9720$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.0260, -12.0570, -7.2650$, and $142.7220, -14.2570, -11.4490$ is the 20% darker color. If you saturate the color by 10%, you get $188.8900, -23.8380, -19.5340$, and if you desaturate by 10%, it is $203.7280, -5.2260, -4.4100$.

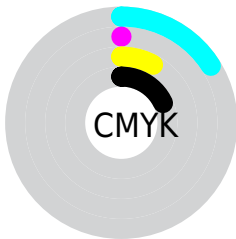
Distribution



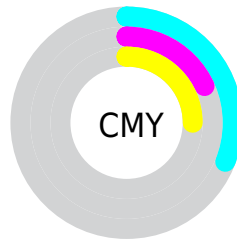
- Red (69%)
- Green (82%)
- Blue (75%)



- Red (69%)
- Yellow (77%)
- Blue (82%)



- Cyan (16%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



- Cyan (31%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.3090, -14.5320, -11.9720 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 196.3090, -14.5320, -11.9720 by changing the saturation by 10% instead.

■ 196.3090,
-14.5320, -11.9720

■ 196.3090,
-14.5320, -11.9720

255.0000, -0.0000,
-0.0000

■ 168.7220,
-14.2570, -11.4490

■ 247.0260,
-12.0570, -7.2650

■ 142.7220,
-14.2570, -11.4490

■ 117.0210,
-13.6610, -11.2370

■ 91.8470, -13.1110,
-10.1910

■ 68.1460, -12.5150,
-9.9790

■ 45.2600, -12.8360,
-9.6680

■ 24.3740, -13.1570,

-9.3570

■ 2.9350, -1.3750,
-2.6150

■ 0.0000, 0.0000,
0.0000

■ 196.3090,
-14.5320, -11.9720

■ 196.3090,
-14.5320, -11.9720

■ 188.8900,
-23.8380, -19.5340

■ 203.7280, -5.2260,
-4.4100

■ 181.4710,
-33.1440, -27.0960

■ 211.1470, 4.0800,
3.1520

■ 174.3510,
-41.8540, -34.4460

■ 218.2670, 12.7900,
10.5020

■ 166.9320,
-51.1600, -42.0080

■ 224.7890, 20.3080,
17.4280

■ 159.5130,
-60.4660, -49.5700

■ 225.9290, 17.0980,
20.5380

■ 151.9800,
-69.4510, -57.4430

■ 227.1830, 13.5670,
23.9590

■ 144.5610,
-78.7570, -65.0050

■ 227.4110, 12.9250,
24.5810

■ 137.4410,
-87.4670, -72.3550

■ 134.2940,
-91.5470, -75.5070

Harmonies

Analogous

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



197.3660, -1.5110, -11.1670



196.3090, -14.5320, -11.9720



195.8010, -24.6650, -10.0490

Triad

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



196.3090, -14.5320, -11.9720



200.9850, -12.8390, 6.9130



202.2110, 24.3910, 3.9990

Complementary

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



196.3090, -14.5320, -11.9720



186.6910, 14.5320, 11.9720

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.



203.1170, 21.9600, 9.5120



196.3090, -14.5320, -11.9720



202.7480, 1.1900, 11.4780

Square

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



196.3090, -14.5320, -11.9720



198.4350, -23.1540, 1.1180



203.5060, 13.6150, 12.0710



200.9560, 20.4950, -2.4890

Rectangle

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



196.3090, -14.5320, -11.9720



195.9410, -27.8750, -6.9390



203.5060, 13.6150, 12.0710



202.6780, 24.5740, 6.1900

Sweetspot

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



196.3090, -14.5320, -11.9720



250.4290, -5.8220, -4.6220



199.1550, 0.4610, -13.8670



125.1520, -3.4840, -2.9400



0.0000, 0.0000, 0.0000



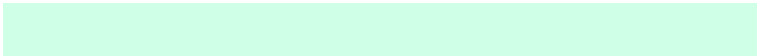
128.0000, -0.0000, -0.0000

Same Dimension

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



196.3090, -14.5320, -11.9720



237.9120, -20.9040, -17.6400



198.1330, -19.6680, -6.9960



101.0270, -4.6300, -4.1980



108.5340, -74.1270, -60.8070



26.4610, -18.0160, -14.9120

Inverse Universe

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



186.6910, 14.5320, 11.9720



223.9740, 21.2250, 17.3290



184.8670, 19.6680, 6.9960



97.8590, 4.9510, 3.8870



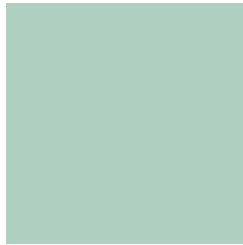
59.5800, 73.8060, 61.1180



14.5390, 18.0160, 14.9120

Previews

White Background



This preview shows how the YIQ color 196.3090, -14.5320, -11.9720 looks on a white background.

Color Contrast Check

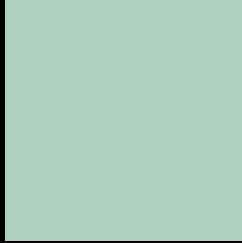
Large Text (above 18pt) WCAG AA × Fail

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 196.3090, -14.5320, -11.9720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

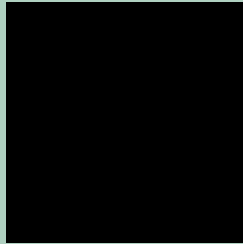
Any Text WCAG AA ✓ Pass

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 196.3090, -14.5320, -11.9720 Background



This preview shows how black text looks on a background with the YIQ color 196.3090, -14.5320, -11.9720.



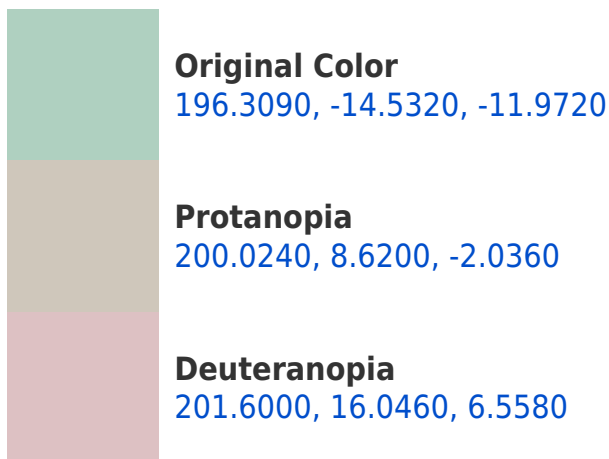
This preview shows how white text looks on a background with the YIQ color 196.3090, -14.5320, -11.9720.

-11.9720.

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

198.6480, -19.4400, -0.1120

Trichromacy



Original Color

196.3090, -14.5320, -11.9720

Protanomaly

198.4250, 0.0010, -5.5270

Deuteranomaly

199.3380, 4.8600, 0.0280

Tritanomaly

197.4970, -17.6970, -4.1690

Monochromacy



Original Color

196.3090, -14.5320, -11.9720

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.8420, -5.5470, -4.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.3090, -14.5320, -11.9720 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(175, 208, 192)` looks like.

```
.text, #text, p{  
    color:rgb(175, 208, 192)  
}
```

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(175, 208, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 208, 192) }
```

Border

The CSS property to change the border of an element to YIQ 196.3090, -14.5320, -11.9720 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(175, 208, 192) }
```


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

```
.border{ border-color:rgb(175, 208, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 208, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 208, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 208, 192);  
box-shadow:4px 4px 4px 4px rgb(175, 208,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 196.3090, -14.5320, -11.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 208, 192) }
```

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

```
.background{ background-color: rgb(175,  
208, 192) }
```

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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