

Converting Colors

YIQ(196.6820, -25.9480,
-14.3320)

Have a look what the booklet for
YIQ(196.6820, -25.9480, -14.3320)
contains.

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Color

**YIQ(196.6820, -25.9480,
-14.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D5C9
RGB	163, 213, 201
RGB Percent	64%, 84%, 79%
CMY	0.3609, 0.1646, 0.2119
CMYK	0.23, 0.00, 0.06, 0.16
HSL	166°, 37%, 74%
HSV	166°, 23%, 84%
XYZ	49.4370, 59.5981, 64.1416
YIQ	196.6820, -25.9480, -14.3320

Conversions

Conversions Part 2

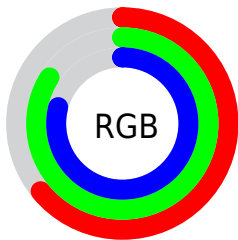
Format	Color
RYB	163, 191, 213
Decimal	10737097
CIELab	81.62, -18.67, 0.65
CIElCh	82, 18.677, 178.001
Yxy	59.5981, 0.2855, 0.3441
Android (android.graphics.Color)	4288927177 (0xFFA3D5C9)
YUV	196.6820, 2.1288, -29.5391
Hunter-Lab	77.1998, -20.7924, 4.7787

Details

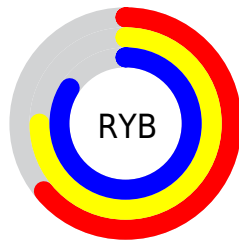
The YIQ color **196.6820, -25.9480, -14.3320** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **179.3180, 25.9480, 14.3320**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **244.2360, -21.4560, -7.6320**, and **142.3940, -25.0770, -13.5970** is the 20% darker color. If you saturate the color by 10%, you get **189.8330, -36.8590, -20.3390**, and if you desaturate by 10%, it is **203.5310, -15.0370, -8.3250**.

Distribution



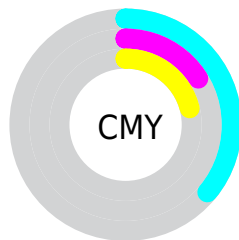
- Red (64%)
- Green (84%)
- Blue (79%)



- Red (64%)
- Yellow (75%)
- Blue (84%)



- Cyan (23%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (36%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.6820, -25.9480, -14.3320 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 196.6820, -25.9480, -14.3320 by changing the saturation by 10% instead.

■ 196.6820,
-25.9480, -14.3320

■ 196.6820,
-25.9480, -14.3320

■ 255.0000, -0.0000,
-0.0000

■ 169.0950,
-25.6730, -13.8090

■ 244.2360,
-21.4560, -7.6320

■ 142.3940,
-25.0770, -13.5970

■ 252.9070, -4.1720,
-1.4840

■ 116.6930,
-24.4810, -13.3850

■ 91.8070, -24.8020,
-13.0740

■ 66.9210, -25.1230,
-12.7630

■ 42.7250, -27.5070,
-13.6110

■ 25.0250, -19.4840,

-10.3320

■ 6.9130, -4.3090,
-4.5090

■ 0.0000, 0.0000,
0.0000

■ 196.6820,
-25.9480, -14.3320

■ 196.6820,
-25.9480, -14.3320

■ 189.8330,
-36.8590, -20.3390

■ 203.5310,
-15.0370, -8.3250

■ 182.6850,
-48.3660, -26.5580

■ 210.6790, -3.5300,
-2.1060

■ 175.8360,
-59.2770, -32.5650

■ 217.5280, 7.3810,
3.9010

■ 168.8730,
-69.8670, -38.8830

■ 224.3770, 18.2920,
9.9080

■ 161.7250,
-81.3740, -45.1020

■ 227.1540, 20.5380,
13.2580

■ 154.8760,
-92.2850, -51.1090

■ 227.7240, 18.9330,
14.8130

■ 148.0270,
-103.1960, -57.1160

■ 228.2940, 17.3280,
16.3680

■ 143.4990,
-110.5770, -61.0170

■ 228.8640, 15.7230,
17.9230

■ 229.4340, 14.1180,
19.4780

Harmonies

Analogous

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



198.3540, -10.4050, -15.1810



196.6820, -25.9480, -14.3320



196.9400, -35.3020, -10.0060

Triad

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



196.6820, -25.9480, -14.3320



204.7840, -7.6590, 12.1570



204.5550, 29.1140, 1.0020

Complementary

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



196.6820, -25.9480, -14.3320



179.3180, 25.9480, 14.3320

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.



205.7820, 30.2130, 8.6210



196.6820, -25.9480, -14.3320



206.4610, 9.4880, 15.2800

Square

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



196.6820, -25.9480, -14.3320



201.7710, -23.9800, 5.0760



206.3500, 22.9220, 14.1060



202.3210, 20.7250, -6.6590

Rectangle

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



196.6820, -25.9480, -14.3320



197.6890, -35.8530, -5.5250



206.3500, 22.9220, 14.1060



204.7340, 30.1680, 3.9280

Sweetspot

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



196.6820, -25.9480, -14.3320



249.1620, -9.4440, -5.0600



195.9380, -6.5980, -23.6060



124.3690, -5.5930, -3.2650



0.0000, 0.0000, 0.0000



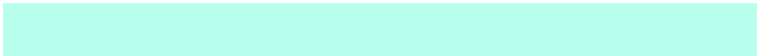
128.0000, -0.0000, -0.0000

Same Dimension

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



196.6820, -25.9480, -14.3320



231.8330, -36.8590, -20.3390



191.0060, -26.5000, -4.3240



103.4830, -5.9140, -2.9540



115.1970, -88.7550, -49.0030



29.0030, -22.4180, -12.2260

Inverse Universe

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



179.3180, 25.9480, 14.3320



207.1670, 36.8590, 20.3390



184.9940, 26.5000, 4.3240



99.6310, 5.5930, 3.2650



55.8030, 88.7550, 49.0030



13.9970, 22.4180, 12.2260

Previews

White Background



This preview shows how the YIQ color 196.6820, -25.9480, -14.3320 looks on a white background.

Color Contrast Check

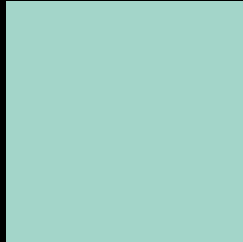
Large Text (above 18pt) WCAG AA × Fail

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 196.6820, -25.9480, -14.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

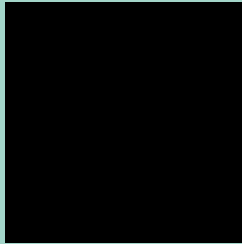
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

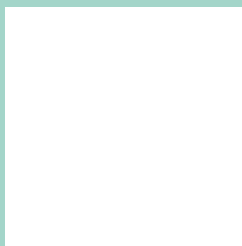
Any Text WCAG AAA ✓ Pass

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

YIQ 196.6820, -25.9480, -14.3320 Background



This preview shows how black text looks on a background with the YIQ color 196.6820, -25.9480, -14.3320.



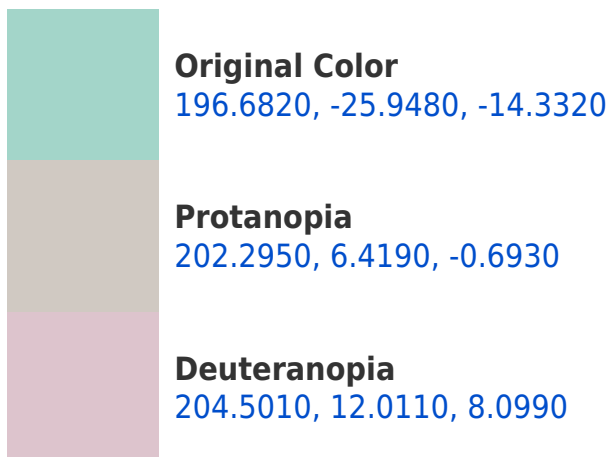
This preview shows how white text looks on a background with the YIQ color 196.6820, -25.9480, -14.3320.

-14.3320.

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

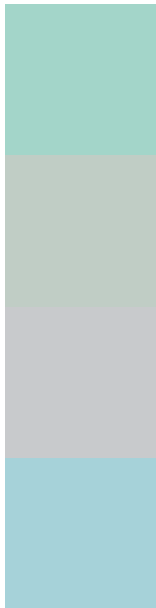




Tritanopia

198.6790, -29.8930, -3.4050

Trichromacy



Original Color

196.6820, -25.9480, -14.3320

Protanomaly

200.2010, -5.1800, -5.2440

Deuteranomaly

201.6300, -1.8340, 0.1980

Tritanomaly

197.6420, -28.4710, -7.1510

Monochromacy



Original Color

196.6820, -25.9480, -14.3320

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.0480, -9.1230, -5.3710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.6820, -25.9480, -14.3320 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(163, 213, 201)` looks like.

```
.text, #text, p{  
    color:rgb(163, 213, 201)  
}
```

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(163, 213, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 213, 201) }
```

Border

The CSS property to change the border of an element to YIQ 196.6820, -25.9480, -14.3320 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(163, 213, 201) }
```


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

```
.border{ border-color:rgb(163, 213, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 213, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 213, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 213, 201);  
box-shadow:4px 4px 4px 4px rgb(163, 213,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 196.6820, -25.9480, -14.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 213, 201) }
```

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

```
.background{ background-color: rgb(163,  
213, 201) }
```

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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