

Converting Colors

YIQ(204.7600, -35.7560,
-34.8280)

Have a look what the booklet for
YIQ(204.7600, -35.7560, -34.8280)
contains.

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Color

**YIQ(204.7600, -35.7560,
-34.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	95EDB9
RGB	149, 237, 185
RGB Percent	58%, 93%, 73%
CMY	0.4159, 0.0704, 0.2746
CMYK	0.37, 0.00, 0.22, 0.07
HSL	145°, 71%, 76%
HSV	145°, 37%, 93%
XYZ	51.4323, 70.4752, 56.7769
YIQ	204.7600, -35.7560, -34.8280

Conversions

Conversions Part 2

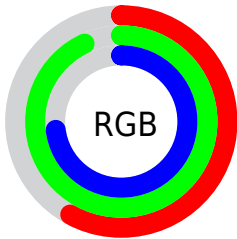
Format	Color
RYB	149, 211, 237
Decimal	9825721
CIELab	87.23, -37.51, 17.00
CIELCh	87, 41.183, 155.615
Yxy	70.4752, 0.2878, 0.3944
Android (android.graphics.Color)	4288015801 (0xFF95EDB9)
YUV	204.7600, -9.7417, -48.9015
Hunter-Lab	83.9495, -37.5523, 18.6655

Details

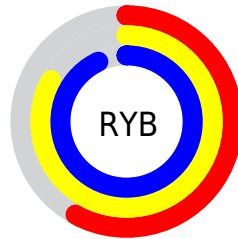
The YIQ color **204.7600, -35.7560, -34.8280** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **181.2400, 35.7560, 34.8280**, and the grayscale version is **205.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.7530, -24.7100, -14.7420**, and **149.4010, -36.1230, -33.6830** is the 20% darker color. If you saturate the color by 10%, you get **195.9880, -45.5660, -44.2700**, and if you desaturate by 10%, it is **213.5320, -25.9460, -25.3860**.

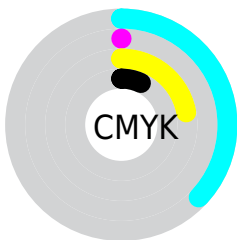
Distribution



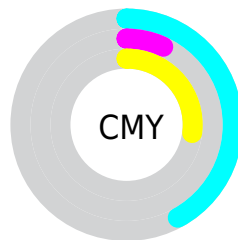
- Red (58%)
- Green (93%)
- Blue (73%)



- Red (58%)
- Yellow (83%)
- Blue (93%)



- Cyan (37%)
- Magenta (0%)
- Yellow (22%)
- Black (7%)



- Cyan (42%)
- Magenta (7%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.7600, -35.7560, -34.8280 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 204.7600, -35.7560, -34.8280 by changing the saturation by 10% instead.

■ 204.7600,
-35.7560, -34.8280

■ 204.7600,
-35.7560, -34.8280

■ 255.0000, -0.0000,
-0.0000

■ 176.8740,
-36.0770, -34.5170

■ 238.7530,
-24.7100, -14.7420

■ 149.4010,
-36.1230, -33.6830

■ 249.0200,
-11.9200, -4.2400

■ 121.6290,
-36.7650, -33.0610

■ 94.9600, -39.1950,
-33.0750

■ 66.6000, -46.9890,
-34.9970

■ 49.4170, -33.0520,
-28.7640

■ 32.9350, -19.7110,

-22.7430

■ 19.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,
0.0000

■ 204.7600,
-35.7560, -34.8280

■ 204.7600,
-35.7560, -34.8280

■ 195.9880,
-45.5660, -44.2700

■ 213.5320,
-25.9460, -25.3860

■ 187.5150,
-54.7800, -53.5000

■ 222.0050,
-16.7320, -16.1560

■ 178.7430,
-64.5900, -62.9420

■ 230.7770, -6.9220,
-6.7140

■ 169.9710,
-74.4000, -72.3840

■ 239.5490, 2.8880,
2.7280

■ 161.1990,
-84.2100, -81.8260

■ 244.4340, 4.9500,
9.4140

■ 152.7260,
-93.4240, -91.0560

■ 150.1770,
-96.3120, -93.7840

Harmonies

Analogous

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



211.1700, 4.1320, -30.8440



204.7600, -35.7560, -34.8280



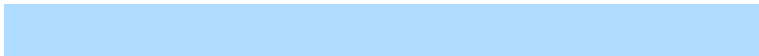
197.0280, -77.4330, -33.9210

Triad

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



204.7600, -35.7560, -34.8280



210.8340, -37.4590, 1.5570



209.4860, 42.7300, 7.5460

Complementary

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



204.7600, -35.7560, -34.8280



181.2400, 35.7560, 34.8280

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.



211.4700, 31.6320, 21.4560



204.7600, -35.7560, -34.8280



219.6590, 0.3630, 20.9630

Square

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



204.7600, -35.7560, -34.8280



198.7530, -77.4360, -17.3400



218.8510, 17.7380, 30.9700



213.4520, 48.0970, -7.1270

Rectangle

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



204.7600, -35.7560, -34.8280



192.5280, -99.2120, -30.1880



218.8510, 17.7380, 30.9700



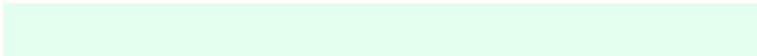
209.6800, 39.4280, 12.3240

Sweetspot

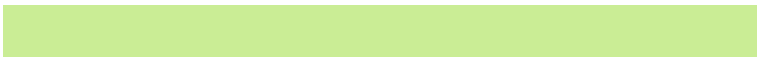
The Sweet Spot groups the original color and five complimentary colors.



204.7600, -35.7560, -34.8280



244.6900, -11.2310, -11.2230



216.5030, 7.3880, -34.7880



121.7770, -6.9220, -6.7140



0.0000, 0.0000, 0.0000



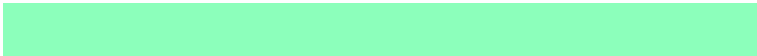
128.0000, -0.0000, -0.0000

Same Dimension

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



204.7600, -35.7560, -34.8280



212.8630, -46.7120, -45.5280



209.6620, -49.5590, -21.4550



112.9130, -4.3090, -4.5090



114.6830, -73.5290, -71.6490



34.2060, -21.9120, -21.4000

Inverse Universe

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



181.2400, 35.7560, 34.8280



182.1370, 46.7120, 45.5280



176.3380, 49.5590, 21.4550



110.0870, 4.3090, 4.5090



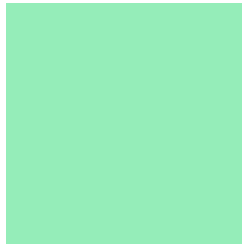
66.3170, 73.5290, 71.6490



19.7940, 21.9120, 21.4000

Previews

White Background



This preview shows how the YIQ color 204.7600, -35.7560, -34.8280 looks on a white background.

Color Contrast Check

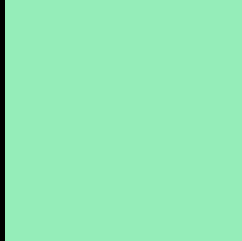
Large Text (above 18pt) WCAG AA × Fail

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 204.7600, -35.7560, -34.8280 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 204.7600, -35.7560, -34.8280 Background



This preview shows how black text looks on a background with the YIQ color 204.7600, -35.7560, -34.8280.



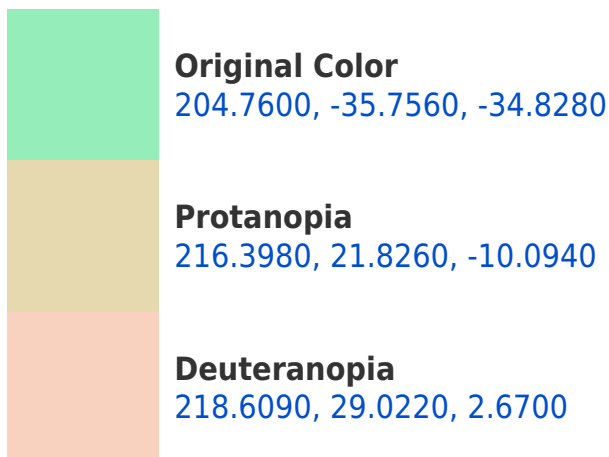
This preview shows how white text looks on a background with the YIQ color 204.7600, -35.7560, -34.8280.

-34.8280.

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

211.3180, -45.1140, -8.3940

Trichromacy



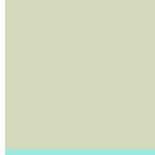
Original Color

204.7600, -35.7560, -34.8280



Protanomaly

211.9930, 0.7370, -18.8710



Deuteranomaly

213.4870, 5.4580, -10.8140



Tritanomaly

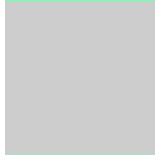
208.9620, -41.5360, -18.1760

Monochromacy



Original Color

204.7600, -35.7560, -34.8280



Achromatopsia

205.0000, -0.0000, 0.0000



Achromatomaly

205.2660, -12.9730, -12.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.7600, -35.7560, -34.8280 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(149, 237, 185)` looks like.

```
.text, #text, p{  
    color:rgb(149, 237, 185)  
}
```

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(149, 237, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 237, 185) }
```

Border

The CSS property to change the border of an element to YIQ 204.7600, -35.7560, -34.8280 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(149, 237, 185) }
```


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

```
.border{ border-color:rgb(149, 237, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 237, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 237, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 237, 185);  
box-shadow:4px 4px 4px 4px rgb(149, 237,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 204.7600, -35.7560, -34.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 237, 185) }
```

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

```
.background{ background-color: rgb(149,  
237, 185) }
```

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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