

Converting Colors

YIQ(187.1250, -34.3850,
-10.1050)

Have a look what the booklet for
YIQ(187.1250, -34.3850, -10.1050)
contains.

YIQ(187.1250, -34.3850, -10.1050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(187.1250, -34.3850,
-10.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	94CBD0
RGB	148, 203, 208
RGB Percent	58%, 80%, 82%
CMY	0.4197, 0.2038, 0.1844
CMYK	0.29, 0.02, 0.00, 0.18
HSL	185°, 39%, 70%
HSV	185°, 29%, 82%
XYZ	44.9490, 53.5680, 67.6220
YIQ	187.1250, -34.3850, -10.1050

Conversions

Conversions Part 2

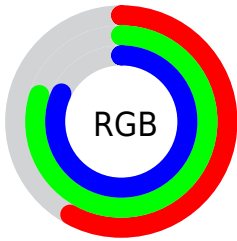
Format	Color
RYB	148, 177, 208
Decimal	9751504
CIELab	78.21, -16.52, -8.21
CIELCh	78, 18.449, 206.414
Yxy	53.5680, 0.2706, 0.3224
Android (android.graphics.Color)	4287941584 (0xFF94CBD0)
YUV	187.1250, 10.2914, -34.3126
Hunter-Lab	73.1901, -18.4587, -3.5463

Details

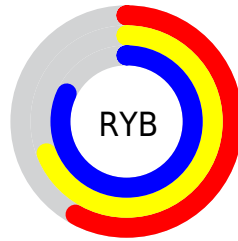
The YIQ color **187.1250, -34.3850, -10.1050** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **168.8750, 34.3850, 10.1050**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.7510, -30.3960, -10.8120**, and **133.4240, -33.7890, -9.8930** is the 20% darker color. If you saturate the color by 10%, you get **179.6720, -46.3510, -13.5110**, and if you desaturate by 10%, it is **194.5780, -22.4190, -6.6990**.

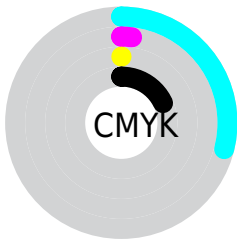
Distribution



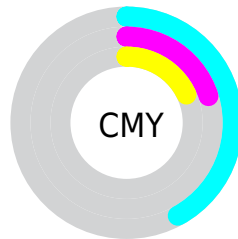
- Red (58%)
- Green (80%)
- Blue (82%)



- Red (58%)
- Yellow (69%)
- Blue (82%)



- Cyan (29%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (42%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.1250, -34.3850, -10.1050 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 187.1250, -34.3850, -10.1050 by changing the saturation by 10% instead.

■ 187.1250,
-34.3850, -10.1050

■ 187.1250,
-34.3850, -10.1050

■ 255.0000, -0.0000,
-0.0000

■ 160.0110,
-34.0640, -10.4160

■ 239.7510,
-30.3960, -10.8120

■ 133.4240,
-33.7890, -9.8930

■ 248.1230,
-13.7080, -4.8760

■ 107.4240,
-33.7890, -9.8930

■ 82.1250, -34.3850,
-10.1050

■ 56.3310, -37.9610,
-11.3770

■ 36.3210, -32.0010,
-9.2570

■ 21.4860, -19.1640,

-5.1160

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,
0.0000

■ 187.1250,
-34.3850, -10.1050

■ 187.1250,
-34.3850, -10.1050

■ 179.6720,
-46.3510, -13.5110

■ 194.5780,
-22.4190, -6.6990

■ 172.8060,
-58.5920, -17.4400

■ 201.4440,
-10.1780, -2.7700

■ 165.6520,
-69.9620, -20.6340

■ 208.5980, 1.1920,
0.4240

■ 158.1990,
-81.9280, -24.0400

■ 216.0510, 13.1580,
3.8300

■ 150.7460,
-93.8940, -27.4460

■ 223.5040, 25.1240,
7.2360

■ 143.8800,
-106.1350, -31.3750

■ 224.9880, 26.6370,
7.3490

■ 136.4270,
-118.1010, -34.7810

■ 226.1620, 26.0870,
6.3030

■ 135.8290,
-119.2930, -35.2050

■ 227.3360, 25.5370,
5.2570

■ 227.9230, 25.2620,
4.7340

Harmonies

Analogous

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



187.2800, -24.7560, -13.9080



187.1250, -34.3850, -10.1050



188.6400, -34.1570, -3.2210

Triad

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



187.1250, -34.3850, -10.1050



196.8630, 8.2960, 14.8560



193.3210, 20.7250, -6.6590

Complementary

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



187.1250, -34.3850, -10.1050



168.8750, 34.3850, 10.1050

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.



194.7830, 28.4720, 1.6240



187.1250, -34.3850, -10.1050



196.7520, 21.7300, 13.6820

Square

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



187.1250, -34.3850, -10.1050



195.0720, -8.5300, 11.4220



195.7110, 28.9750, 9.0310



191.0310, 6.7420, -12.0580

Rectangle

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



187.1250, -34.3850, -10.1050



190.7380, -28.3810, 2.2350



195.7110, 28.9750, 9.0310



193.8700, 23.6130, -3.9310

Sweetspot

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



187.1250, -34.3850, -10.1050



246.9490, -13.1580, -3.8300



183.6760, -17.7840, -30.1360



122.3410, -8.3900, -2.1340



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.



187.1250, -34.3850, -10.1050



224.2800, -51.1190, -15.2070



170.1020, -26.4100, 5.0620



101.1240, -6.2810, -1.8090



109.5500, -96.2780, -28.2940



26.3930, -23.3360, -6.6000

Inverse Universe

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



172.2100, 18.1050, 29.8250



201.9590, 26.7220, 44.3700



185.8980, 26.4100, -5.0620



98.4290, 3.3460, 5.4420



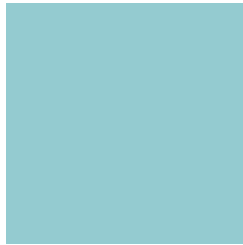
67.7880, 50.6940, 83.5100



16.4770, 12.5590, 20.1990

Previews

White Background



This preview shows how the YIQ color 187.1250, -34.3850, -10.1050 looks on a white background.

Color Contrast Check

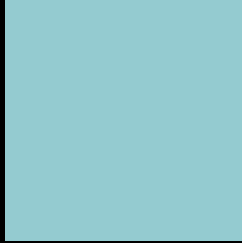
Large Text (above 18pt) WCAG AA × Fail

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 187.1250, -34.3850, -10.1050 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 187.1250, -34.3850, -10.1050 Background



This preview shows how black text looks on a background with the YIQ color 187.1250, -34.3850, -10.1050.



This preview shows how white text looks on a background with the YIQ color 187.1250, -34.3850, -10.1050.

-10.1050.

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

187.1250, -34.3850, -10.1050

Protanopia

193.6240, -1.6970, 3.2230

Deuteranopia

194.5200, 1.8320, 10.8560



Tritanopia

188.2760, -36.1280, -6.0480

Trichromacy



Original Color

187.1250, -34.3850, -10.1050

Protanomaly

191.2310, -13.8920, -1.5400

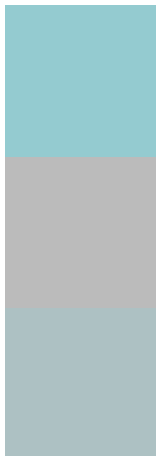
Deuteranomaly

191.9480, -11.4170, 3.1670

Tritanomaly

187.5210, -35.4400, -7.5040

Monochromacy



Original Color

187.1250, -34.3850, -10.1050

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.2480, -12.5620, -3.6180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.1250, -34.3850, -10.1050 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(148, 203, 208)` looks like.

```
.text, #text, p{  
    color:rgb(148, 203, 208)  
}
```

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(148, 203, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 203, 208) }
```

Border

The CSS property to change the border of an element to YIQ 187.1250, -34.3850, -10.1050 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(148, 203, 208) }
```


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

```
.border{ border-color:rgb(148, 203, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 203, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 203, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 203, 208);  
box-shadow:4px 4px 4px 4px rgb(148, 203,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 187.1250, -34.3850, -10.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 203, 208) }
```

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

```
.background{ background-color: rgb(148,  
203, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor