

Converting Colors

YIQ(197.1170, -13.5710,
-1.8510)

Have a look what the booklet for
YIQ(197.1170, -13.5710, -1.8510)
contains.

YIQ(197.1170, -13.5710, -1.8510)	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(197.1170, -13.5710,
-1.8510)**

Conversions

Conversions Part 1

Format	Color
Hex	B7CAD1
RGB	183, 202, 209
RGB Percent	72%, 79%, 82%
CMY	0.2824, 0.2078, 0.1804
CMYK	0.12, 0.03, 0.00, 0.18
HSL	196°, 22%, 77%
HSV	196°, 12%, 82%
XYZ	52.1551, 56.9135, 68.5483
YIQ	197.1170, -13.5710, -1.8510

Conversions

Conversions Part 2

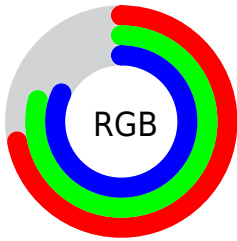
Format	Color
RYB	183, 194, 209
Decimal	12045009
CIELab	80.13, -5.01, -5.67
CIELCh	80, 7.567, 228.520
Yxy	56.9135, 0.2936, 0.3204
Android (android.graphics.Color)	4290235089 (0xFFB7CAD1)
YUV	197.1170, 5.8583, -12.3806
Hunter-Lab	75.4410, -8.6183, -1.0642

Details

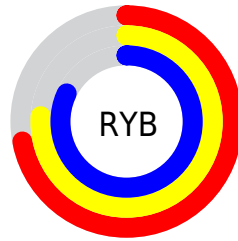
The YIQ color $197.1170, -13.5710, -1.8510$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $194.8830, 13.5710, 1.8510$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $250.2160, -9.5360, -3.3920$, and $143.4160, -12.9750, -1.6390$ is the 20% darker color. If you saturate the color by 10%, you get $187.3160, -24.4370, -3.1650$, and if you desaturate by 10%, it is $206.9180, -2.7050, -0.5370$.

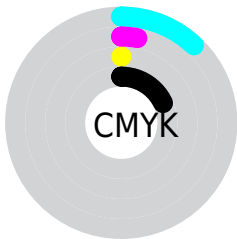
Distribution



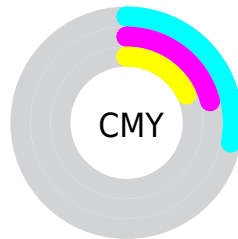
- Red (72%)
- Green (79%)
- Blue (82%)



- Red (72%)
- Yellow (76%)
- Blue (82%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (28%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.1170, -13.5710, -1.8510 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 197.1170, -13.5710, -1.8510 by changing the saturation by 10% instead.

■ 197.1170,
-13.5710, -1.8510

■ 197.1170,
-13.5710, -1.8510

■ 255.0000, -0.0000,
-0.0000

■ 170.0030,
-13.2500, -2.1620

■ 250.2160, -9.5360,
-3.3920

■ 143.4160,
-12.9750, -1.6390

■ 117.7150,
-12.3790, -1.4270

■ 92.7150, -12.3790,
-1.4270

■ 69.6010, -12.0580,
-1.7380

■ 46.9000, -11.4620,
-1.5260

■ 25.7860, -11.1410,

-1.8370

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 197.1170,
-13.5710, -1.8510

■ 197.1170,
-13.5710, -1.8510

■ 187.3160,
-24.4370, -3.1650

■ 206.9180, -2.7050,
-0.5370

■ 178.1020,
-35.5780, -5.0020

■ 216.1320, 8.4360,
1.3000

■ 168.3010,
-46.4440, -6.3160

■ 225.9330, 19.3020,
2.6140

■ 159.0870,
-57.5850, -8.1530

■ 231.5590, 23.2910,
1.9070

■ 149.2860,
-68.4510, -9.4670

■ 235.0810, 21.6410,
-1.2310

■ 139.7840,
-78.7210, -10.5690

■ 238.6030, 19.9910,
-4.3690

■ 130.5700,
-89.8620, -12.4060

■ 241.5380, 18.6160,
-6.9840

■ 120.7690,
-100.7280, -13.7200

■ 245.0600, 16.9660,
-10.1220

■ 113.6370,
-109.1640, -15.0200

■ 247.9950, 15.5910,
-12.7370

Harmonies

Analogous

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



196.7210, -12.5160, -4.4520



197.1170, -13.5710, -1.8510



198.0790, -10.4080, 1.4000

Triad

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



197.1170, -13.5710, -1.8510



200.2940, 8.1600, 6.3040



198.2900, 4.8150, -4.6650

Complementary

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



197.1170, -13.5710, -1.8510



194.8830, 13.5710, 1.8510

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.



198.9210, 10.4080, -1.4000



197.1170, -13.5710, -1.8510



199.9800, 11.9200, 4.2400

Square

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



197.1170, -13.5710, -1.8510



200.0590, 1.5120, 5.6400



199.5840, 12.9750, 1.6390



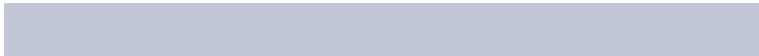
197.5280, -1.7870, -6.1630

Rectangle

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



197.1170, -13.5710, -1.8510



199.1010, -7.4740, 3.2940



199.5840, 12.9750, 1.6390



198.6000, 6.8780, -3.5060

Sweetspot

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



197.1170, -13.5710, -1.8510



250.2490, -5.1350, -0.5510



199.0600, -9.3970, -11.4210



124.7330, -3.6220, -0.4380



0.0000, 0.0000, 0.0000



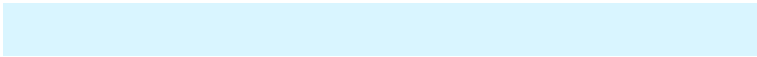
128.0000, -0.0000, -0.0000

Same Dimension

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



197.1170, -13.5710, -1.8510



237.7680, -19.8980, -2.8260



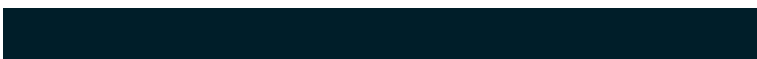
189.4860, -9.9960, 4.9480



99.9500, -5.7310, -0.7630



91.3530, -87.7530, -12.0810



22.2840, -21.4110, -2.9390

Inverse Universe

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



192.9400, 9.3970, 11.4210



231.5540, 13.6600, 16.7640



202.5140, 9.9960, -4.9480



98.2010, 3.9880, 4.8200



64.2540, 60.6450, 73.8690



15.6790, 14.8060, 18.0220

Previews

White Background



This preview shows how the YIQ color 197.1170, -13.5710, -1.8510 looks on a white background.

Color Contrast Check

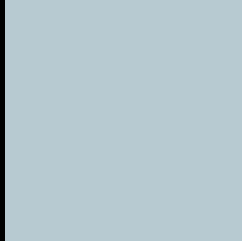
Large Text (above 18pt) WCAG AA × Fail

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 197.1170, -13.5710, -1.8510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

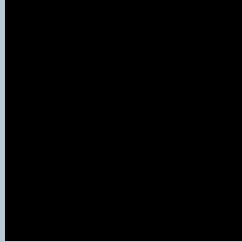
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

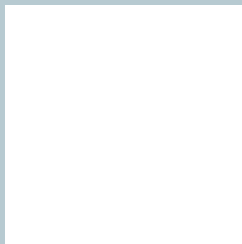
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 197.1170, -13.5710, -1.8510

Background



This preview shows how black text looks on a background with the YIQ color 197.1170, -13.5710, -1.8510.



This preview shows how white text looks on a background with the YIQ color 197.1170, -13.5710, -1.8510.

-1.8510.

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

197.1170, -13.5710, -1.8510

Protanopia

198.9230, -1.1010, 3.4350

Deuteranopia

200.7330, 5.5460, 9.6260



Tritanopia

197.7410, -15.2680, 1.3720

Trichromacy



Original Color

197.1170, -13.5710, -1.8510

Protanomaly

198.4170, -5.5480, 1.4280

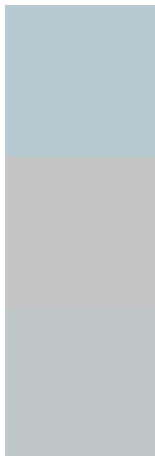
Deuteranomaly

199.0910, -1.5140, 5.4140

Tritanomaly

197.3990, -14.3050, 0.4390

Monochromacy



Original Color

197.1170, -13.5710, -1.8510

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.1350, -4.8140, -0.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.1170, -13.5710, -1.8510 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(183, 202, 209)` looks like.

```
.text, #text, p{  
    color:rgb(183, 202, 209)  
}
```

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(183, 202, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 202, 209) }
```

Border

The CSS property to change the border of an element to YIQ 197.1170, -13.5710, -1.8510 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(183, 202, 209) }
```


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

```
.border{ border-color:rgb(183, 202, 209) }
```

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

Here you see how a box with a 4 pixel rgb(183, 202, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 202, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 202, 209);  
box-shadow:4px 4px 4px 4px rgb(183, 202,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 197.1170, -13.5710, -1.8510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 202, 209) }
```

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

```
.background{ background-color: rgb(183,  
202, 209) }
```

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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