

Converting Colors

YIQ(194.8000, -13.7560, 7.0120)

Have a look what the booklet for
YIQ(194.8000, -13.7560, 7.0120)
contains.

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Color

**YIQ(194.8000, -13.7560,
7.0120)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC2DE
RGB	186, 194, 222
RGB Percent	73%, 76%, 87%
CMY	0.2706, 0.2392, 0.1295
CMYK	0.16, 0.13, 0.00, 0.13
HSL	227°, 35%, 80%
HSV	227°, 16%, 87%
XYZ	52.7244, 54.2970, 76.7951
YIQ	194.8000, -13.7560, 7.0120

Conversions

Conversions Part 2

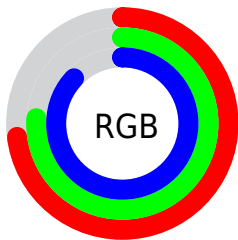
Format	Color
R _Y B	186, 193, 222
Decimal	12239582
CIE Lab	78.63, 2.92, -14.86
CIE LCh	79, 15.149, 281.118
Yxy	54.2970, 0.2868, 0.2954
Android (android.graphics.Color)	4290429662 (0xFFBAC2DE)
YUV	194.8000, 13.4096, -7.7176
Hunter-Lab	73.6865, -1.2307, -10.2107

Details

The YIQ color $194.8000, -13.7560, 7.0120$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $213.2000, 13.7560, -7.0120$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1780, -6.3730, -0.1410$, and $140.9850, -12.8390, 6.9130$ is the 20% darker color. If you saturate the color by 10%, you get $178.2430, -22.1930, 11.2390$, and if you desaturate by 10%, it is $211.3570, -5.3190, 2.7850$.

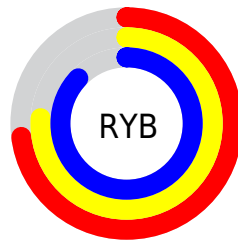
Distribution



Red (73%)

Green (76%)

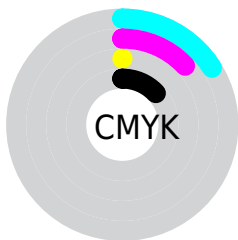
Blue (87%)



Red (73%)

Yellow (76%)

Blue (87%)

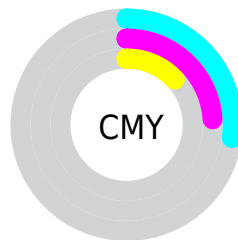


Cyan (16%)

Magenta (13%)

Yellow (0%)

Black (13%)



Cyan (27%)

Magenta (24%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.8000, -13.7560, 7.0120 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 194.8000, -13.7560, 7.0120 by changing the saturation by 10% instead.

■ 194.8000,
-13.7560, 7.0120

■ 194.8000,
-13.7560, 7.0120

■ 255.0000, -0.0000,
-0.0000

■ 167.6860,
-13.4350, 6.7010

■ 248.1780, -6.3730,
-0.1410

■ 140.9850,
-12.8390, 6.9130

■ 115.4580,
-12.7930, 6.0790

■ 91.0450, -13.0680,
5.5560

■ 67.2300, -12.1510,
5.4570

■ 44.8170, -12.4260,
4.9340

■ 23.9910, -12.9760,

3.8880

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 194.8000,
-13.7560, 7.0120

■ 194.8000,
-13.7560, 7.0120

■ 178.2430,
-22.1930, 11.2390

■ 211.3570, -5.3190,
2.7850

■ 161.0990,
-30.3550, 15.9890

■ 228.5010, 2.8430,
-1.9650

■ 144.2430,
-39.3880, 20.0040

■ 245.3570, 11.8760,
-5.9800

■ 127.6860,
-47.8250, 24.2310

■ 251.2380, 10.5930,
-10.2630

■ 111.1290,
-56.2620, 28.4580

■ 93.9850, -64.4240,
33.2080

■ 77.4280, -72.8610,
37.4350

■ 60.5720, -81.8940,
41.4500

■ 54.0710, -84.7370,
43.4150

Harmonies

Analogous

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



191.9510, -24.6670, 1.0050



194.8000, -13.7560, 7.0120



196.5630, 0.2730, 11.5770

Triad

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



194.8000, -13.7560, 7.0120



196.6240, 24.6660, 4.5220



190.1950, -14.2110, -12.2830

Complementary

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



194.8000, -13.7560, 7.0120



213.2000, 13.7560, -7.0120

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.



191.5510, -0.5940, -11.2660



194.8000, -13.7560, 7.0120



195.2550, 21.0910, -2.2770

Square

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



194.8000, -13.7560, 7.0120



197.2310, 21.6390, 9.8230



193.3030, 11.9680, -7.6480



189.6870, -24.3440, -10.3600

Rectangle

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



194.8000, -13.7560, 7.0120



197.4670, 9.3510, 12.2550



193.3030, 11.9680, -7.6480



190.6470, -9.6720, -11.9440

Sweetspot

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



194.8000, -13.7560, 7.0120



245.2430, -4.9980, 2.4740



210.3240, -18.8880, -10.1200



122.0860, -3.1180, 1.4420



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.



194.8000, -13.7560, 7.0120



218.3420, -18.1580, 9.6980



193.0940, -5.5960, 13.3160



103.4280, -4.0810, 2.3750



42.9570, -67.2210, 34.3390



11.9290, -18.4330, 9.1750

Inverse Universe

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



197.6760, 18.8880, 10.1200



222.4920, 25.3980, 13.2860



214.9060, 5.5960, -13.3160



104.5170, 5.9140, 2.9540



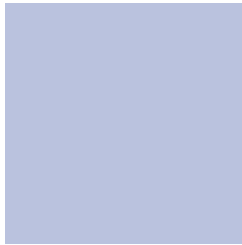
57.0700, 92.3770, 49.4410



15.6060, 25.0770, 13.5970

Previews

White Background



This preview shows how the YIQ color 194.8000, -13.7560, 7.0120 looks on a white background.

Color Contrast Check

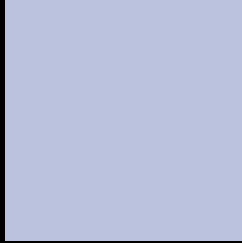
Large Text (above 18pt) WCAG AA × Fail

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 194.8000, -13.7560, 7.0120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

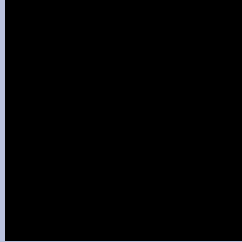
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.8000, -13.7560, 7.0120

Background



This preview shows how black text looks on a background with the YIQ color 194.8000, -13.7560, 7.0120.

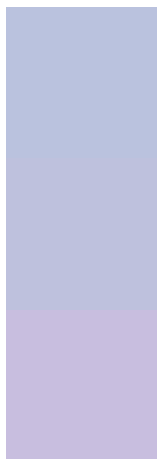


This preview shows how white text looks on a background with the YIQ color 194.8000, -13.7560,

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

194.8000, -13.7560, 7.0120

Protanopia

195.2950, -10.7760, 8.0720

Deuteranopia

196.7520, -4.6330, 12.3830



Tritanopia

194.1220, -11.9670, 2.1210

Trichromacy



Original Color

194.8000, -13.7560, 7.0120

Protanomaly

194.9960, -11.3720, 7.8600

Deuteranomaly

195.8440, -7.8880, 10.8000

Tritanomaly

194.2900, -12.3800, 4.1000

Monochromacy



Original Color

194.8000, -13.7560, 7.0120

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.2430, -4.9980, 2.4740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.8000, -13.7560, 7.0120 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(186, 194, 222)` looks like.

```
.text, #text, p{  
    color:rgb(186, 194, 222)  
}
```

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(186, 194, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 194, 222) }
```

Border

The CSS property to change the border of an element to YIQ 194.8000, -13.7560, 7.0120 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(186, 194, 222) }
```


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

```
.border{ border-color:rgb(186, 194, 222) }
```

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

Here you see how a box with a 4 pixel rgb(186, 194, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 194, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 194, 222);  
box-shadow:4px 4px 4px 4px rgb(186, 194,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 194.8000, -13.7560, 7.0120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 194, 222) }
```

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

```
.background{ background-color: rgb(186,  
194, 222) }
```

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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