

Converting Colors

YIQ(194.2650, -37.5950,
-6.9950)

Have a look what the booklet for
YIQ(194.2650, -37.5950, -6.9950)
contains.

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Color

**YIQ(194.2650, -37.5950,
-6.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	9AD1E0
RGB	154, 209, 224
RGB Percent	60%, 82%, 88%
CMY	0.3962, 0.1803, 0.1217
CMYK	0.31, 0.07, 0.00, 0.12
HSL	193°, 53%, 74%
HSV	193°, 31%, 88%
XYZ	49.5757, 57.8589, 79.0468
YIQ	194.2650, -37.5950, -6.9950

Conversions

Conversions Part 2

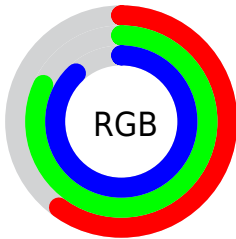
Format	Color
RYB	154, 185, 224
Decimal	10146272
CIELab	80.66, -14.16, -13.10
CIElCh	81, 19.285, 222.770
Yxy	57.8589, 0.2658, 0.3103
Android (android.graphics.Color)	4288336352 (0xFF9AD1E0)
YUV	194.2650, 14.6594, -35.3124
Hunter-Lab	76.0650, -16.7757, -8.3687

Details

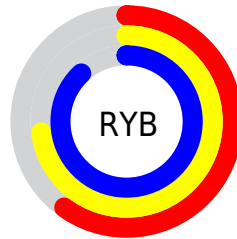
The YIQ color $194.2650, -37.5950, -6.9950$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $183.7350, 37.5950, 6.9950$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $241.5450, -26.8200, -9.5400$, and $140.1510, -37.2740, -7.3060$ is the 20% darker color. If you saturate the color by 10%, you get $184.7520, -49.3320, -9.0440$, and if you desaturate by 10%, it is $203.7780, -25.8580, -4.9460$.

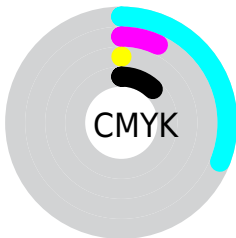
Distribution



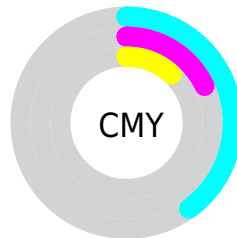
- Red (60%)
- Green (82%)
- Blue (88%)



- Red (60%)
- Yellow (73%)
- Blue (88%)



- Cyan (31%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (40%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.2650, -37.5950, -6.9950 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 194.2650, -37.5950, -6.9950 by changing the saturation by 10% instead.

■ 194.2650,
-37.5950, -6.9950

■ 194.2650,
-37.5950, -6.9950

■ 255.0000, -0.0000,
-0.0000

■ 166.5640,
-36.9990, -6.7830

■ 241.5450,
-26.8200, -9.5400

■ 140.1510,
-37.2740, -7.3060

■ 250.2160, -9.5360,
-3.3920

■ 113.4500,
-36.6780, -7.0940

■ 87.8520, -37.8700,
-7.5180

■ 61.9440, -41.1250,
-9.1010

■ 40.7380, -37.5490,
-7.8290

■ 25.7890, -24.3910,

-3.9990

■ 6.4860, -9.9960,
4.9480

■ 0.0000, 0.0000,
0.0000

■ 194.2650,
-37.5950, -6.9950

■ 194.2650,
-37.5950, -6.9950

■ 184.7520,
-49.3320, -9.0440

■ 203.7780,
-25.8580, -4.9460

■ 174.9400,
-61.6650, -11.3050

■ 213.5900,
-13.5250, -2.6850

■ 166.0140,
-73.6770, -13.8770

■ 222.5160, -1.5130,
-0.1130

■ 156.2020,
-86.0100, -16.1380

■ 232.3280, 10.8200,
2.1480

■ 146.6890,
-97.7470, -18.1870

■ 238.5520, 16.0010,
1.8650

■ 137.1760,
-109.4840, -20.2360

■ 241.4870, 14.6260,
-0.7500

■ 128.8480,
-120.3040, -22.3840

■ 243.8350, 13.5260,
-2.8420

■ 246.7700, 12.1510,
-5.4570

■ 249.7050, 10.7760,
-8.0720

Harmonies

Analogous

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



193.5010, -32.6880, -13.3280



194.2650, -37.5950, -6.9950



197.2430, -31.3610, 1.1750

Triad

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



194.2650, -37.5950, -6.9950



203.7670, 17.3740, 15.5340



198.3910, 14.5360, -10.1360

Complementary

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



194.2650, -37.5950, -6.9950



183.7350, 37.5950, 6.9950

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.



200.3650, 26.5930, -2.8710



194.2650, -37.5950, -6.9950



203.5200, 28.1950, 12.1550

Square

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



194.2650, -37.5950, -6.9950



202.8560, 1.0060, 14.8140



202.1580, 31.9100, 5.3980



196.8450, -1.6020, -15.0260

Rectangle

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



194.2650, -37.5950, -6.9950



199.3090, -22.5590, 6.8570



202.1580, 31.9100, 5.3980



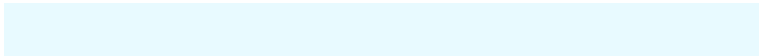
199.1960, 19.5790, -7.9170

Sweetspot

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



194.2650, -37.5950, -6.9950



245.1880, -12.3330, -2.2610



196.6860, -23.7440, -32.2560



121.7540, -8.1150, -1.6110



0.0000, 0.0000, 0.0000



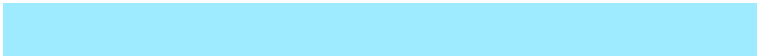
128.0000, -0.0000, -0.0000

Same Dimension

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



194.2650, -37.5950, -6.9950



213.6700, -52.0370, -9.5810



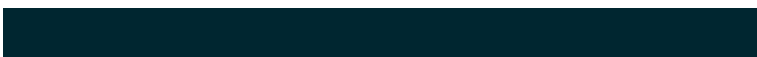
174.3070, -28.2450, 10.7870



107.5370, -6.0060, -1.2860



101.0700, -94.4460, -17.4380



27.7780, -25.8580, -4.9460

Inverse Universe

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



181.2000, 24.0650, 31.9450



195.6670, 33.4160, 44.2000



203.6930, 28.2450, -10.7870



105.3150, 3.6670, 5.1310



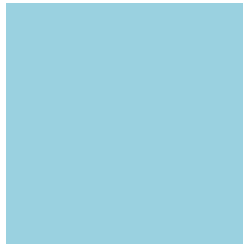
68.3560, 60.5980, 80.2300



18.6840, 16.4100, 21.9940

Previews

White Background



This preview shows how the YIQ color 194.2650, -37.5950, -6.9950 looks on a white background.

Color Contrast Check

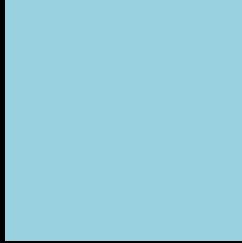
Large Text (above 18pt) WCAG AA × Fail

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 194.2650, -37.5950, -6.9950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

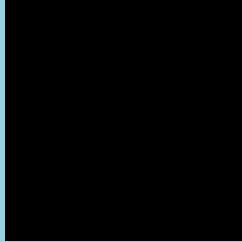
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.2650, -37.5950, -6.9950

Background



This preview shows how black text looks on a background with the YIQ color 194.2650, -37.5950, -6.9950.



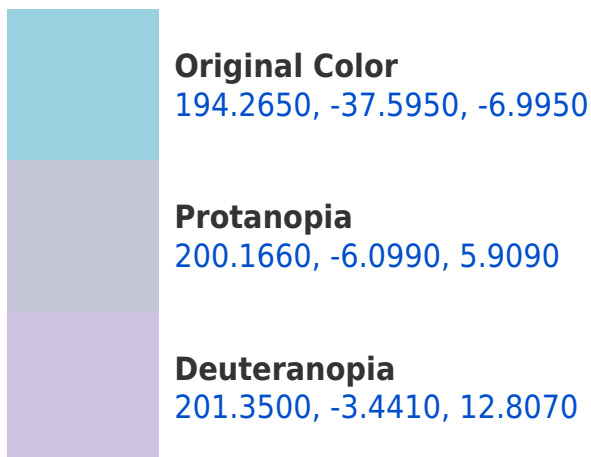
This preview shows how white text looks on a background with the YIQ color 194.2650, -37.5950, -6.9950.

-6.9950.

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

194.4930, -38.2370, -6.3730

Trichromacy



Original Color

194.2650, -37.5950, -6.9950

Protanomaly

198.0720, -17.6980, 1.3580

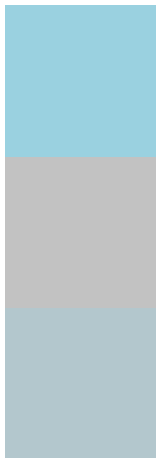
Deuteranomaly

198.4900, -15.8190, 5.8530

Tritanomaly

194.3790, -37.9160, -6.6840

Monochromacy



Original Color

194.2650, -37.5950, -6.9950

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

193.7040, -13.8460, -2.3740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.2650, -37.5950, -6.9950 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(154, 209, 224)` looks like.

```
.text, #text, p{  
    color:rgb(154, 209, 224)  
}
```

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(154, 209, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 209, 224) }
```

Border

The CSS property to change the border of an element to YIQ 194.2650, -37.5950, -6.9950 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(154, 209, 224) }
```


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

```
.border{ border-color:rgb(154, 209, 224) }
```

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

Here you see how a box with a 4 pixel rgb(154, 209, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(154, 209,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 194.2650, -37.5950, -6.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 209, 224) }
```

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

```
.background{ background-color: rgb(154,  
209, 224) }
```

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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