

Converting Colors

YIQ(193.6580, -42.5950, 6.5330)

Have a look what the booklet for
YIQ(193.6580, -42.5950, 6.5330)
contains.

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Color

**YIQ(193.6580, -42.5950,
6.5330)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC9FC
RGB	157, 201, 252
RGB Percent	62%, 79%, 99%
CMY	0.3844, 0.2117, 0.0120
CMYK	0.38, 0.20, 0.00, 0.01
HSL	212°, 94%, 80%
HSV	212°, 38%, 99%
XYZ	52.3542, 55.9731, 100.0958
YIQ	193.6580, -42.5950, 6.5330

Conversions

Conversions Part 2

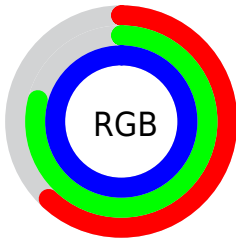
Format	Color
RYB	157, 187, 252
Decimal	10340860
CIELab	79.60, -2.20, -29.64
CIELCh	80, 29.725, 265.761
Yxy	55.9731, 0.2512, 0.2686
Android (android.graphics.Color)	4288530940 (0xFF9DC9FC)
YUV	193.6580, 28.7626, -32.1491
Hunter-Lab	74.8152, -6.0156, -26.9539

Details

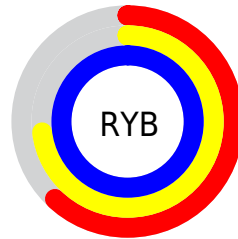
The YIQ color $193.6580, -42.5950, 6.5330$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $215.3420, 42.5950, -6.5330$, and the grayscale version is $193.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.7410, -24.4360, -8.6920$, and $139.0170, -42.2280, 5.3880$ is the 20% darker color. If you saturate the color by 10%, you get $178.5520, -53.9200, 8.0320$, and if you desaturate by 10%, it is $209.3510, -31.5450, 4.5110$.

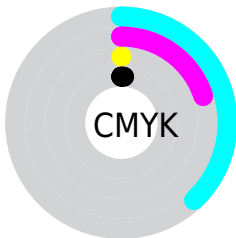
Distribution



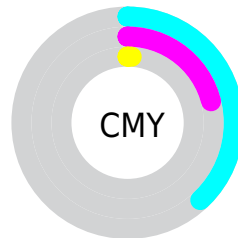
- Red (62%)
- Green (79%)
- Blue (99%)



- Red (62%)
- Yellow (73%)
- Blue (99%)



- Cyan (38%)
- Magenta (20%)
- Yellow (0%)
- Black (1%)



- Cyan (38%)
- Magenta (21%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.6580, -42.5950, 6.5330 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 193.6580, -42.5950, 6.5330 by changing the saturation by 10% instead.

■ 193.6580,
-42.5950, 6.5330

■ 193.6580,
-42.5950, 6.5330

■ 255.0000, -0.0000,
-0.0000

■ 166.1310,
-42.5490, 5.6990

■ 242.7410,
-24.4360, -8.6920

■ 139.0170,
-42.2280, 5.3880

■ 251.4120, -7.1520,
-2.5440

■ 112.8920,
-43.3740, 4.1300

■ 86.4680, -45.1160,
2.6600

■ 57.5700, -54.3310,
-1.0430

■ 40.3110, -43.2360,
1.6280

■ 25.2480, -29.7570,

5.1470

■ 6.8910, -15.2700,
12.4260

■ 3.2090, -7.6580,
6.6300

■ 193.6580,
-42.5950, 6.5330

■ 193.6580,
-42.5950, 6.5330

■ 178.5520,
-53.9200, 8.0320

■ 209.3510,
-31.5450, 4.5110

■ 162.8590,
-64.9700, 10.0540

■ 224.4570,
-20.2200, 3.0120

■ 146.8670,
-76.6160, 11.8640

■ 240.4490, -8.5740,
1.2020

■ 131.7610,
-87.9410, 13.3630

■ 254.6580, 0.9630,
-0.9330

■ 116.0680,
-98.9910, 15.3850

■ 100.9620,
-110.3160, 16.8840

■ 97.4070,
-113.0670, 17.1810

Harmonies

Analogous

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



186.7600, -60.9780, -7.2340



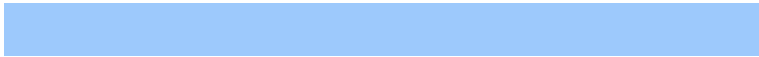
193.6580, -42.5950, 6.5330



199.4660, -15.2710, 17.9530

Triad

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



193.6580, -42.5950, 6.5330



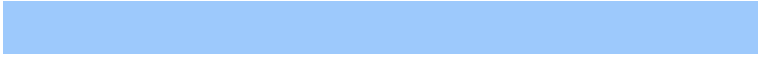
199.9690, 45.9840, 14.6560



189.3330, -15.0800, -24.0720

Complementary

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



193.6580, -42.5950, 6.5330



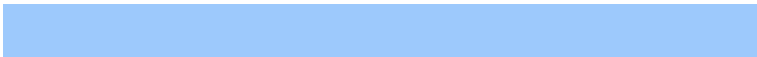
215.3420, 42.5950, -6.5330

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.



193.3270, 11.4200, -19.7480



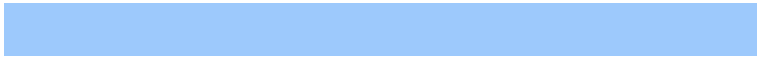
193.6580, -42.5950, 6.5330



198.5800, 45.1610, 2.0330

Square

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



193.6580, -42.5950, 6.5330



201.3780, 34.8870, 23.0390



196.1450, 32.7840, -10.4480



186.0880, -42.1310, -23.9150

Rectangle

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



193.6580, -42.5950, 6.5330



200.9800, 3.8930, 23.0690



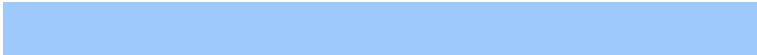
196.1450, 32.7840, -10.4480



190.6500, -5.7270, -22.8710

Sweetspot

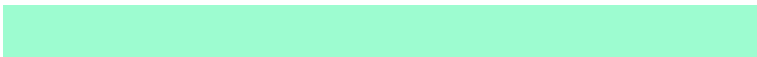
The Sweet Spot groups the original color and five complimentary colors.



193.6580, -42.5950, 6.5330



237.8230, -12.5630, 1.9090



218.5790, -42.4960, -33.8240



117.6340, -7.6570, 1.1030



0.0000, 0.0000, 0.0000



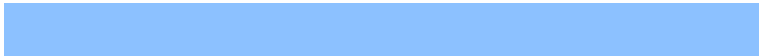
128.0000, -0.0000, -0.0000

Same Dimension

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



193.6580, -42.5950, 6.5330



184.2210, -51.4900, 8.0460



168.7270, -28.7070, 30.1810



117.0040, -5.8230, 0.9050



73.2020, -84.8690, 12.7550



23.3900, -27.2810, 4.3270

Inverse Universe

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



190.4210, 42.4960, 33.8240



180.4270, 51.5270, 40.8630



240.2730, 28.7070, -30.1810



116.5710, 5.8220, 4.6220



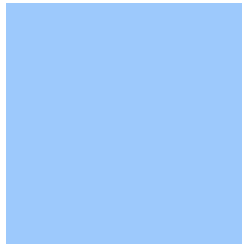
66.5430, 84.3960, 67.4360



21.4310, 27.3680, 21.6400

Previews

White Background



This preview shows how the YIQ color 193.6580, -42.5950, 6.5330 looks on a white background.

Color Contrast Check

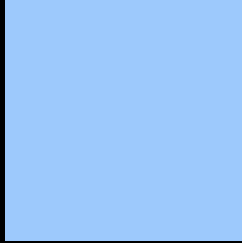
Large Text (above 18pt) WCAG AA × Fail

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 193.6580, -42.5950, 6.5330 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

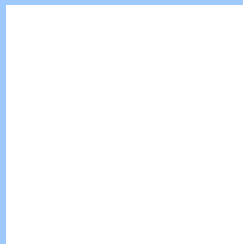
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 193.6580, -42.5950, 6.5330

Background



This preview shows how black text looks on a background with the YIQ color 193.6580, -42.5950, 6.5330.



This preview shows how white text looks on a background with the YIQ color 193.6580, -42.5950,

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

193.6580, -42.5950, 6.5330

Protanopia

197.6390, -23.2480, 13.8400

Deuteranopia

197.8610, -23.7530, 17.4870



Tritanopia

191.1940, -38.8330, -6.5850

Trichromacy



Original Color

193.6580, -42.5950, 6.5330

Protanomaly

196.0510, -30.4000, 11.2960

Deuteranomaly

196.2190, -30.8130, 13.2750

Tritanomaly

192.1710, -40.0260, -1.4820

Monochromacy



Original Color

193.6580, -42.5950, 6.5330

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.2680, -15.3140, 2.2060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.6580, -42.5950, 6.5330 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(157, 201, 252)` looks like.

```
.text, #text, p{  
    color:rgb(157, 201, 252)  
}
```

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(157, 201, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 201, 252) }
```

Border

The CSS property to change the border of an element to YIQ 193.6580, -42.5950, 6.5330 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(157, 201, 252) }
```


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

```
.border{ border-color:rgb(157, 201, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 201, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 201, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 201, 252);  
box-shadow:4px 4px 4px 4px rgb(157, 201,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 193.6580, -42.5950, 6.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 201, 252) }
```

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

```
.background{ background-color: rgb(157,  
201, 252) }
```

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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