

Converting Colors

YIQ(193.4950, -49.7460,
-1.5380)

Have a look what the booklet for
YIQ(193.4950, -49.7460, -1.5380)
contains.

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Color

**YIQ(193.4950, -49.7460,
-1.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	91D0F6
RGB	145, 208, 246
RGB Percent	57%, 82%, 96%
CMY	0.4315, 0.1842, 0.0355
CMYK	0.41, 0.15, 0.00, 0.04
HSL	203°, 85%, 77%
HSV	203°, 41%, 96%
XYZ	50.8594, 57.7918, 95.6166
YIQ	193.4950, -49.7460, -1.5380

Conversions

Conversions Part 2

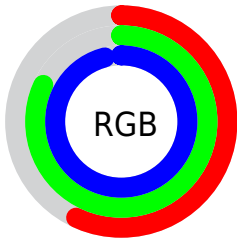
Format	Color
R _{YB}	145, 184, 246
Decimal	9556214
CIE _{Lab}	80.62, -10.55, -24.93
CIE _{LCh}	81, 27.073, 247.062
Yxy	57.7918, 0.2490, 0.2829
Android (android.graphics.Color)	4287746294 (0xFF91D0F6)
YUV	193.4950, 25.8850, -42.5301
Hunter-Lab	76.0209, -13.6168, -21.3583

Details

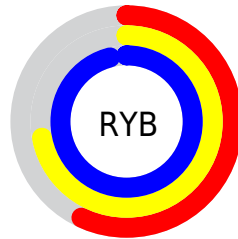
The YIQ color **193.4950, -49.7460, -1.5380** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **197.5050, 49.7460, 1.5380**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.1530, -31.5880, -11.2360**, and **138.6690, -50.2960, -2.5840** is the 20% darker color. If you saturate the color by 10%, you get **180.7370, -62.1710, -2.1310**, and if you desaturate by 10%, it is **206.2530, -37.3210, -0.9450**.

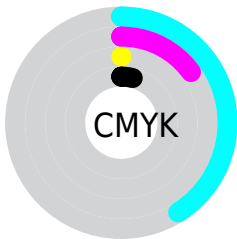
Distribution



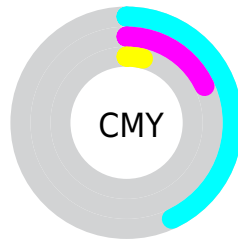
- Red (57%)
- Green (82%)
- Blue (96%)



- Red (57%)
- Yellow (72%)
- Blue (96%)



- Cyan (41%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (43%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.4950, -49.7460, -1.5380 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 193.4950, -49.7460, -1.5380 by changing the saturation by 10% instead.

■ 193.4950,
-49.7460, -1.5380

■ 193.4950,
-49.7460, -1.5380

■ 255.0000, -0.0000,
-0.0000

■ 165.3810,
-49.4250, -1.8490

■ 239.1530,
-31.5880, -11.2360

■ 138.6690,
-50.2960, -2.5840

■ 247.8240,
-14.3040, -5.0880

■ 111.5440,
-51.4420, -3.8420

■ 83.7390, -56.4850,
-6.0610

■ 59.0270, -57.3560,
-6.7960

■ 42.6760, -43.0060,
-2.5420

■ 27.1400, -29.5730,

1.8110

■ 8.7830, -15.0860,
9.0900

■ 2.7530, -6.3740,
5.3860

■ 193.4950,
-49.7460, -1.5380

■ 193.4950,
-49.7460, -1.5380

■ 180.7370,
-62.1710, -2.1310

■ 206.2530,
-37.3210, -0.9450

■ 168.2780,
-74.0000, -2.5120

■ 218.7120,
-25.4920, -0.5640

■ 154.9330,
-86.1500, -2.5820

■ 232.0570,
-13.3420, -0.4940

■ 142.4740,
-97.9790, -2.9630

■ 244.5160, -1.5130,
-0.1130

■ 129.7160,
-110.4040, -3.5560

■ 253.3870, 3.1640,
-2.2760

■ 118.4420,
-121.3160, -4.0360

■ 253.9740, 2.8890,
-2.7990

Harmonies

Analogous

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



189.2240, -56.7130, -12.9450



193.4950, -49.7460, -1.5380



199.1220, -29.1620, 10.8860

Triad

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



193.4950, -49.7460, -1.5380



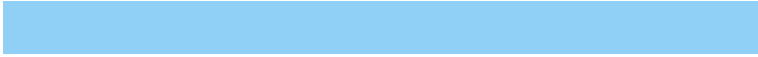
204.1130, 36.9510, 18.6710



195.5370, 2.0210, -20.1150

Complementary

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



193.4950, -49.7460, -1.5380



197.5050, 49.7460, 1.5380

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.



198.1870, 23.7980, -12.7940



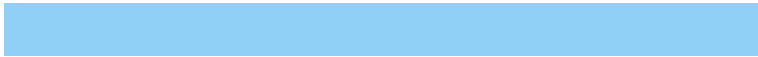
193.4950, -49.7460, -1.5380



202.8390, 43.2340, 9.4260

Square

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



193.4950, -49.7460, -1.5380



204.2500, 20.6280, 22.6440



200.8240, 38.4220, -2.4900



192.1950, -23.3790, -22.3470

Rectangle

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



193.4950, -49.7460, -1.5380



201.9070, -12.1990, 17.3450



200.8240, 38.4220, -2.4900



196.5980, 9.2190, -18.4050

Sweetspot

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



193.4950, -49.7460, -1.5380



239.2740, -15.4510, -0.8190



208.5050, -39.6520, -41.3160



118.5090, -8.8030, -0.1550



0.0000, 0.0000, 0.0000



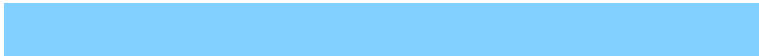
128.0000, -0.0000, -0.0000

Same Dimension

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



193.4950, -49.7460, -1.5380



190.0360, -61.5750, -1.9190



164.1450, -35.9960, 24.6120



116.0640, -6.0520, -0.4520



89.2960, -91.6060, -2.8220



28.4450, -29.1140, -1.0020

Inverse Universe

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



182.3810, 39.9730, 41.0050



176.2670, 49.4620, 50.7580



226.2680, 36.2710, -24.0890



114.5000, 4.5840, 5.0320



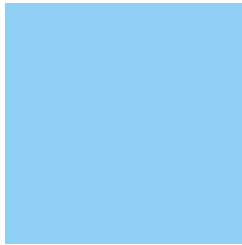
68.8380, 73.6200, 75.5080



21.8590, 23.2870, 24.0150

Previews

White Background



This preview shows how the YIQ color 193.4950, -49.7460, -1.5380 looks on a white background.

Color Contrast Check

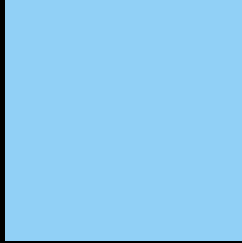
Large Text (above 18pt) WCAG AA × Fail

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 193.4950, -49.7460, -1.5380 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 193.4950, -49.7460, -1.5380

Background



This preview shows how black text looks on a background with the YIQ color 193.4950, -49.7460, -1.5380.



This preview shows how white text looks on a background with the YIQ color 193.4950, -49.7460, -1.5380.

-1.5380.

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

193.4950, -49.7460, -1.5380

Protanopia

200.5810, -17.3330, 11.2670

Deuteranopia

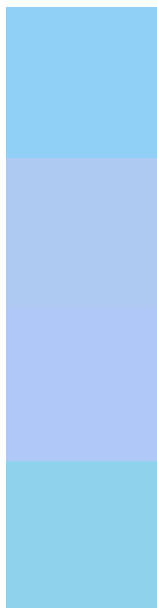
200.5580, -18.5260, 16.3700



Tritanopia

191.7090, -47.7730, -9.7650

Trichromacy



Original Color

193.4950, -49.7460, -1.5380

Protanomaly

198.1880, -29.5280, 6.5040

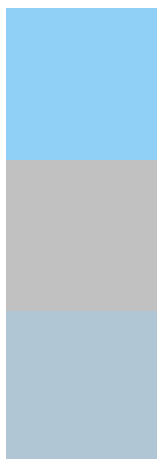
Deuteranomaly

198.2960, -29.7120, 9.8400

Tritanomaly

192.5180, -48.5530, -6.6410

Monochromacy



Original Color

193.4950, -49.7460, -1.5380

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

193.0180, -17.6060, -0.3100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.4950, -49.7460, -1.5380 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(145, 208, 246)` looks like.

```
.text, #text, p{  
    color:rgb(145, 208, 246)  
}
```

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(145, 208, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 208, 246) }
```

Border

The CSS property to change the border of an element to YIQ 193.4950, -49.7460, -1.5380 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(145, 208, 246) }
```


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

```
.border{ border-color:rgb(145, 208, 246) }
```

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

Here you see how a box with a 4 pixel rgb(145, 208, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 208, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 208, 246);  
box-shadow:4px 4px 4px 4px rgb(145, 208,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 193.4950, -49.7460, -1.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 208, 246) }
```

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

```
.background{ background-color: rgb(145,  
208, 246) }
```

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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