

Converting Colors

YIQ(193.9740, -40.6690, 4.6670)

Have a look what the booklet for
YIQ(193.9740, -40.6690, 4.6670)
contains.

YIQ(193.9740, -40.6690, 4.6670)	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(193.9740, -40.6690,
4.6670)**

Conversions

Conversions Part 1

Format	Color
Hex	9ECAF7
RGB	158, 202, 247
RGB Percent	62%, 79%, 97%
CMY	0.3805, 0.2078, 0.0316
CMYK	0.36, 0.18, 0.00, 0.03
HSL	210°, 85%, 79%
HSV	210°, 36%, 97%
XYZ	52.0024, 56.2292, 96.0677
YIQ	193.9740, -40.6690, 4.6670

Conversions

Conversions Part 2

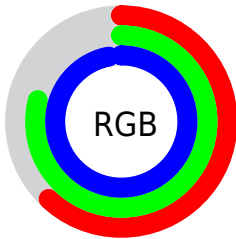
Format	Color
R _Y B	158, 187, 247
Decimal	10406647
CIE Lab	79.74, -3.75, -26.75
CIE LCh	80, 27.009, 262.030
Yxy	56.2292, 0.2545, 0.2752
Android (android.graphics.Color)	4288596727 (0xFF9ECA7)
YUV	193.9740, 26.1418, -31.5492
Hunter-Lab	74.9861, -7.4372, -23.4684

Details

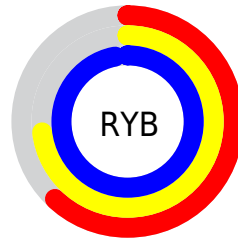
The YIQ color $193.9740, -40.6690, 4.6670$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $211.0260, 40.6690, -4.6670$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.0400, -23.8400, -8.4800$, and $139.4470, -40.6230, 3.8330$ is the 20% darker color. If you saturate the color by 10%, you get $179.4550, -52.2690, 5.6430$, and if you desaturate by 10%, it is $208.4930, -29.0690, 3.6910$.

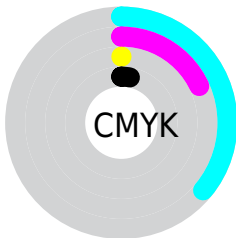
Distribution



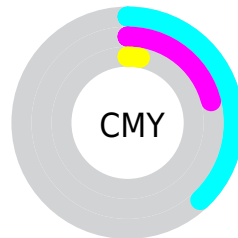
- Red (62%)
- Green (79%)
- Blue (97%)



- Red (62%)
- Yellow (73%)
- Blue (97%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)
- Black (3%)



- Cyan (38%)
- Magenta (21%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.9740, -40.6690, 4.6670 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 193.9740, -40.6690, 4.6670 by changing the saturation by 10% instead.

■ 193.9740,
-40.6690, 4.6670

■ 193.9740,
-40.6690, 4.6670

■ 255.0000, -0.0000,
-0.0000

■ 166.4470,
-40.6230, 3.8330

■ 243.0400,
-23.8400, -8.4800

■ 139.3330,
-40.3020, 3.5220

■ 251.7110, -6.5560,
-2.3320

■ 112.9200,
-40.5770, 2.9990

■ 87.4960, -42.3190,
1.5290

■ 59.9790, -48.2330,
-1.4250

■ 40.4420, -42.2270,
-0.1390

■ 25.3790, -28.7480,

3.3800

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,
5.3860

■ 193.9740,
-40.6690, 4.6670

■ 193.9740,
-40.6690, 4.6670

■ 179.4550,
-52.2690, 5.6430

■ 208.4930,
-29.0690, 3.6910

■ 164.6480,
-62.9980, 7.3540

■ 223.3000,
-18.3400, 1.9800

■ 150.1290,
-74.5980, 8.3300

■ 237.8190, -6.7400,
1.0040

■ 135.0230,
-85.9230, 9.8290

■ 252.3270, 3.3930,
-0.9190

■ 120.8030,
-96.9270, 11.0170

■ 254.0880, 2.5680,
-2.4880

■ 105.6970,
-108.2520, 12.5160

■ 99.7720,
-112.8370, 13.0110

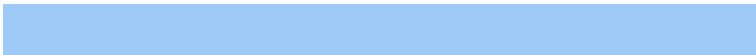
Harmonies

Analogous

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



188.2830, -55.2010, -7.3050



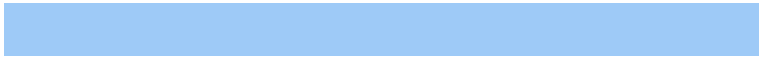
193.9740, -40.6690, 4.6670



199.4010, -16.6460, 15.3380

Triad

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



193.9740, -40.6690, 4.6670



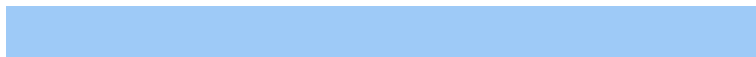
200.6310, 41.1240, 14.6280



191.2520, -10.3580, -21.5420

Complementary

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



193.9740, -40.6690, 4.6670



211.0260, 40.6690, -4.6670

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.



194.6910, 13.3910, -16.9210



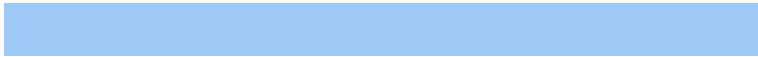
193.9740, -40.6690, 4.6670



199.3670, 41.4470, 3.2630

Square

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



193.9740, -40.6690, 4.6670



201.6870, 29.5230, 21.1310



197.4270, 32.0500, -8.1580



188.2630, -35.2540, -21.8940

Rectangle

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



193.9740, -40.6690, 4.6670



201.1320, 0.4090, 20.1290



197.4270, 32.0500, -8.1580



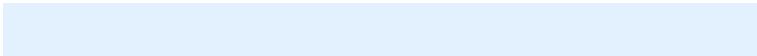
192.3840, -1.9220, -20.2420

Sweetspot

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



193.9740, -40.6690, 4.6670



238.4100, -12.8380, 1.3860



215.2590, -38.5990, -32.8630



117.6340, -7.6570, 1.1030



0.0000, 0.0000, 0.0000



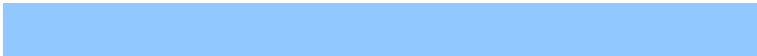
128.0000, -0.0000, -0.0000

Same Dimension

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



193.9740, -40.6690, 4.6670



189.8250, -50.4350, 5.4450



168.1460, -28.5690, 27.6790



114.8900, -5.5020, 0.5940



75.2080, -85.0060, 9.7300



23.7490, -26.9140, 3.1820

Inverse Universe

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



189.6270, 38.9200, 32.5520



184.1600, 47.9050, 40.4250



236.8540, 28.5690, -27.6790



114.2720, 5.2260, 4.4100



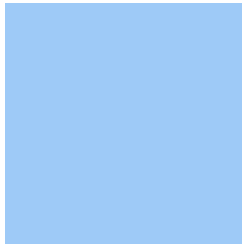
66.1020, 81.3240, 68.0440



20.9470, 25.8550, 21.5270

Previews

White Background



This preview shows how the YIQ color 193.9740, -40.6690, 4.6670 looks on a white background.

Color Contrast Check

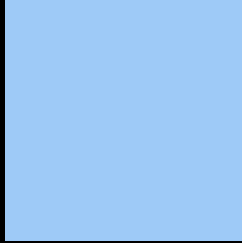
Large Text (above 18pt) WCAG AA × Fail

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 193.9740, -40.6690, 4.6670 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

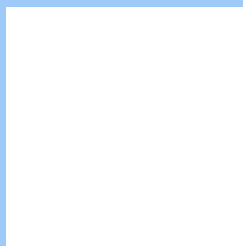
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 193.9740, -40.6690, 4.6670

Background



This preview shows how black text looks on a background with the YIQ color 193.9740, -40.6690, 4.6670.



This preview shows how white text looks on a background with the YIQ color 193.9740, -40.6690,

4.6670.

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

193.9740, -40.6690, 4.6670

Protanopia

197.6670, -20.4510, 12.7090

Deuteranopia

198.1880, -20.3600, 16.5680



Tritanopia

191.7920, -37.6410, -6.1610

Trichromacy



Original Color

193.9740, -40.6690, 4.6670

Protanomaly

196.6660, -27.8780, 9.6420

Deuteranomaly

196.5460, -27.4200, 12.3560

Tritanomaly

192.8290, -39.0630, -2.4150

Monochromacy



Original Color

193.9740, -40.6690, 4.6670

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.0400, -14.6720, 1.5840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.9740, -40.6690, 4.6670 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(158, 202, 247)` looks like.

```
.text, #text, p{  
    color:rgb(158, 202, 247)  
}
```

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(158, 202, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 202, 247) }
```

Border

The CSS property to change the border of an element to YIQ 193.9740, -40.6690, 4.6670 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(158, 202, 247) }
```


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

```
.border{ border-color:rgb(158, 202, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 202, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 202, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 202, 247);  
box-shadow:4px 4px 4px 4px rgb(158, 202,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 193.9740, -40.6690, 4.6670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 202, 247) }
```

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

```
.background{ background-color: rgb(158,  
202, 247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor