

Converting Colors

YIQ(193.9940, -26.2260, 1.7260)

Have a look what the booklet for
YIQ(193.9940, -26.2260, 1.7260)
contains.

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Color

**YIQ(193.9940, -26.2260,
1.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	AAC8E2
RGB	170, 200, 226
RGB Percent	67%, 78%, 89%
CMY	0.3334, 0.2156, 0.1138
CMYK	0.25, 0.11, 0.00, 0.11
HSL	208°, 49%, 78%
HSV	208°, 25%, 89%
XYZ	50.9549, 55.3482, 79.9264
YIQ	193.9940, -26.2260, 1.7260

Conversions

Conversions Part 2

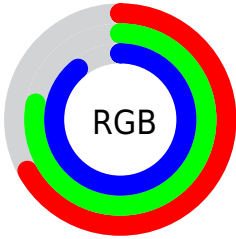
Format	Color
RYB	170, 190, 226
Decimal	11192546
CIELab	79.24, -4.34, -16.21
CIELCh	79, 16.778, 254.999
Yxy	55.3482, 0.2736, 0.2972
Android (android.graphics.Color)	4289382626 (0xFFAAC8E2)
YUV	193.9940, 15.7790, -21.0427
Hunter-Lab	74.3963, -7.9370, -11.6197

Details

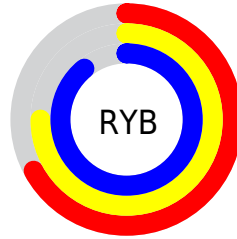
The YIQ color **193.9940, -26.2260, 1.7260** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **202.0060, 26.2260, -1.7260**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.3290, -17.2840, -6.1480**, and **140.1790, -25.3090, 1.6270** is the 20% darker color. If you saturate the color by 10%, you get **181.2470, -37.1840, 2.0800**, and if you desaturate by 10%, it is **206.7410, -15.2680, 1.3720**.

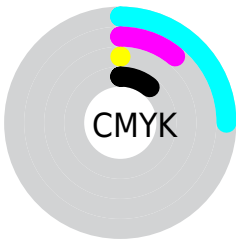
Distribution



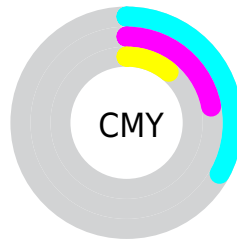
- Red (67%)
- Green (78%)
- Blue (89%)



- Red (67%)
- Yellow (75%)
- Blue (89%)



- Cyan (25%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (33%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.9940, -26.2260, 1.7260 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 193.9940, -26.2260, 1.7260 by changing the saturation by 10% instead.

■ 193.9940,
-26.2260, 1.7260

■ 193.9940,
-26.2260, 1.7260

■ 255.0000, -0.0000,
-0.0000

■ 166.8800,
-25.9050, 1.4150

■ 246.3290,
-17.2840, -6.1480

■ 140.1790,
-25.3090, 1.6270

■ 114.0650,
-24.9880, 1.3160

■ 89.5380, -24.9420,
0.4820

■ 65.5380, -24.9420,
0.4820

■ 42.1140, -26.6840,
-0.9880

■ 22.4950, -23.3830,

-0.2390

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 193.9940,
-26.2260, 1.7260

■ 193.9940,
-26.2260, 1.7260

■ 181.2470,
-37.1840, 2.0800

■ 206.7410,
-15.2680, 1.3720

■ 168.2120,
-47.2710, 3.1690

■ 219.7760, -5.1810,
0.2830

■ 155.4650,
-58.2290, 3.5230

■ 232.5230, 5.7770,
-0.0710

■ 142.4300,
-68.3160, 4.6120

■ 244.0630, 12.8840,
-2.2200

■ 129.6830,
-79.2740, 4.9660

■ 249.9330, 10.1340,
-7.4500

■ 116.3490,
-89.9570, 5.8430

■ 251.6940, 9.3090,
-9.0190

■ 103.9010,
-100.3190, 6.4090

■ 96.7910,
-105.8210, 7.0030

Harmonies

Analogous

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



191.8420, -31.9100, -5.3980



193.9940, -26.2260, 1.7260



196.7400, -13.5270, 8.3690

Triad

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



193.9940, -26.2260, 1.7260



199.1990, 24.6650, 10.0490



192.8280, -2.9320, -12.9480

Complementary

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



193.9940, -26.2260, 1.7260



202.0060, 26.2260, -1.7260

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.



194.9500, 11.4640, -9.5280



193.9940, -26.2260, 1.7260



198.1790, 27.4170, 4.2250

Square

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



193.9940, -26.2260, 1.7260



199.2290, 15.9530, 13.7530



196.7990, 22.3750, -3.5210



191.4010, -17.7870, -13.5550

Rectangle

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



193.9940, -26.2260, 1.7260



198.1220, -2.7990, 12.1850



196.7990, 22.3750, -3.5210



193.5790, 2.2030, -12.3970

Sweetspot

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



193.9940, -26.2260, 1.7260



244.9220, -8.5280, 0.3680



205.7220, -23.4250, -21.5130



121.7760, -5.1810, 0.2830



0.0000, 0.0000, 0.0000



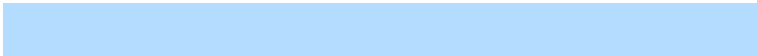
128.0000, -0.0000, -0.0000

Same Dimension

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



193.9940, -26.2260, 1.7260



211.7310, -35.6710, 2.1930



178.1450, -18.8010, 15.8470



105.7760, -5.1810, 0.2830



75.2420, -82.3460, 5.5740



20.7340, -22.5580, 1.3300

Inverse Universe

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



190.1640, 23.7460, 21.2020



206.3980, 32.1350, 28.8630



217.8550, 18.8010, -15.8470



104.9730, 4.6300, 4.1980



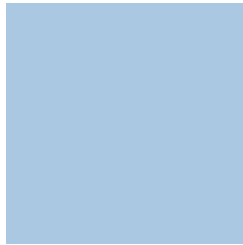
63.3400, 74.7220, 66.5460



17.3160, 20.2620, 18.2620

Previews

White Background



This preview shows how the YIQ color 193.9940, -26.2260, 1.7260 looks on a white background.

Color Contrast Check

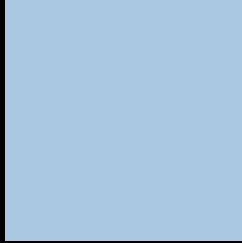
Large Text (above 18pt) WCAG AA × Fail

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 193.9940, -26.2260, 1.7260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

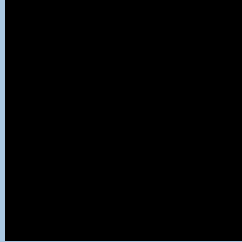
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

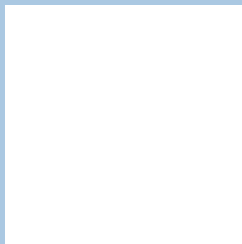
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 193.9940, -26.2260, 1.7260

Background



This preview shows how black text looks on a background with the YIQ color 193.9940, -26.2260, 1.7260.



This preview shows how white text looks on a background with the YIQ color 193.9940, -26.2260,

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

193.9940, -26.2260, 1.7260

Protanopia

196.2950, -10.7760, 8.0720

Deuteranopia

197.9090, -6.5130, 13.4150



Tritanopia

193.0710, -25.1250, -1.7090

Trichromacy



Original Color

193.9940, -26.2260, 1.7260

Protanomaly

195.1910, -16.4150, 5.6410

Deuteranomaly

196.2670, -13.5730, 9.2030

Tritanomaly

193.7120, -25.4920, -0.5640

Monochromacy



Original Color

193.9940, -26.2260, 1.7260

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

193.8510, -9.7660, 0.7780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.9940, -26.2260, 1.7260 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(170, 200, 226)` looks like.

```
.text, #text, p{  
    color:rgb(170, 200, 226)  
}
```

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(170, 200, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 200, 226) }
```

Border

The CSS property to change the border of an element to YIQ 193.9940, -26.2260, 1.7260 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(170, 200, 226) }
```


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

```
.border{ border-color:rgb(170, 200, 226) }
```

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

Here you see how a box with a 4 pixel rgb(170, 200, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 200, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 200, 226);  
box-shadow:4px 4px 4px 4px rgb(170, 200,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 193.9940, -26.2260, 1.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 200, 226) }
```

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

```
.background{ background-color: rgb(170,  
200, 226) }
```

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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