

Converting Colors

YIQ(199.3820, -41.9980, 1.2180)

Have a look what the booklet for
YIQ(199.3820, -41.9980, 1.2180)
contains.

YIQ(199.3820, -41.9980, 1.2180)	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(199.3820, -41.9980,
1.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D2F8
RGB	160, 210, 248
RGB Percent	63%, 82%, 97%
CMY	0.3726, 0.1764, 0.0276
CMYK	0.35, 0.15, 0.00, 0.03
HSL	206°, 86%, 80%
HSV	206°, 35%, 97%
XYZ	54.4797, 60.3489, 97.5434
YIQ	199.3820, -41.9980, 1.2180

Conversions

Conversions Part 2

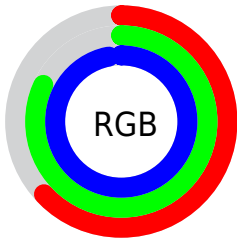
Format	Color
R_{YB}	160, 192, 248
Decimal	10539768
CIE _{Lab}	82.03, -7.19, -23.79
CIE _{LCh}	82, 24.852, 253.174
Yxy	60.3489, 0.2565, 0.2842
Android (android.graphics.Color)	4288729848 (0xFFA0D2F8)
YUV	199.3820, 23.9687, -34.5380
Hunter-Lab	77.6846, -10.7671, -20.0674

Details

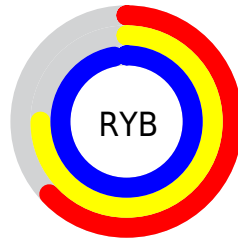
The YIQ color $199.3820, -41.9980, 1.2180$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $208.6180, 41.9980, -1.2180$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.6380, -22.6480, -8.0560$, and $144.8550, -41.9520, 0.3840$ is the 20% darker color. If you saturate the color by 10%, you get $185.4500, -53.8730, 1.6710$, and if you desaturate by 10%, it is $213.3140, -30.1230, 0.7650$.

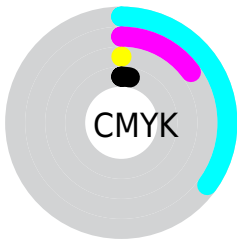
Distribution



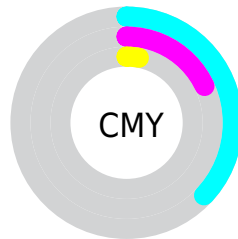
- Red (63%)
- Green (82%)
- Blue (97%)



- Red (63%)
- Yellow (75%)
- Blue (97%)



- Cyan (35%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (37%)
- Magenta (18%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.3820, -41.9980, 1.2180 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 199.3820, -41.9980, 1.2180 by changing the saturation by 10% instead.

■ 199.3820,
-41.9980, 1.2180

■ 199.3820,
-41.9980, 1.2180

■ 255.0000, -0.0000,
-0.0000

■ 171.2680,
-41.6770, 0.9070

■ 243.6380,
-22.6480, -8.0560

■ 144.7410,
-41.6310, 0.0730

■ 252.3090, -5.3640,
-1.9080

■ 118.3280,
-41.9060, -0.4500

■ 92.3170, -43.3730,
-1.3970

■ 64.5120, -48.4160,
-3.6160

■ 44.0780, -44.1980,
-2.9660

■ 28.4280, -30.4440,

1.0760

■ 13.5930, -17.6070,
5.2170

■ 2.9810, -7.0160,
6.0080

■ 199.3820,
-41.9980, 1.2180

■ 199.3820,
-41.9980, 1.2180

■ 185.4500,
-53.8730, 1.6710

■ 213.3140,
-30.1230, 0.7650

■ 172.1050,
-66.0230, 1.6010

■ 226.6590,
-17.9730, 0.8350

■ 158.4720,
-77.3020, 2.2660

■ 240.2920, -6.6940,
0.1700

■ 144.5400,
-89.1770, 2.7190

■ 253.0280, 2.7970,
-1.1310

■ 131.1950,
-101.3270, 2.6490

■ 254.2020, 2.2470,
-2.1770

■ 117.2630,
-113.2020, 3.1020

■ 111.0390,
-118.3830, 3.3850

Harmonies

Analogous

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



195.1540, -50.5240, -9.4680



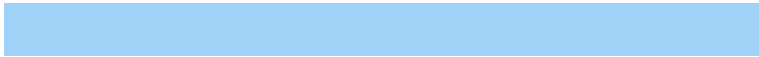
199.3820, -41.9980, 1.2180



204.3570, -22.5140, 11.5500

Triad

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



199.3820, -41.9980, 1.2180



207.2330, 36.4930, 15.9570



199.0250, -2.2890, -19.0970

Complementary

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



199.3820, -41.9980, 1.2180



208.6180, 41.9980, -1.2180

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.



202.1370, 18.0670, -13.5570



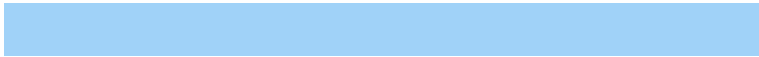
199.3820, -41.9980, 1.2180



205.9910, 39.7500, 6.4860

Square

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



199.3820, -41.9980, 1.2180



208.1530, 22.2790, 20.2550



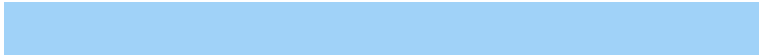
204.4320, 33.6540, -4.1860



195.9930, -25.6260, -20.1700

Rectangle

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



199.3820, -41.9980, 1.2180



206.4300, -6.4220, 17.2740



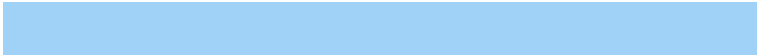
204.4320, 33.6540, -4.1860



200.0860, 4.9090, -17.3870

Sweetspot

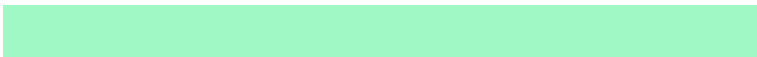
The Sweet Spot groups the original color and five complimentary colors.



199.3820, -41.9980, 1.2180



239.5840, -13.3880, 0.3400



215.8740, -36.0770, -34.5170



118.2210, -7.9320, 0.5800



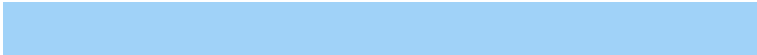
0.0000, 0.0000, 0.0000



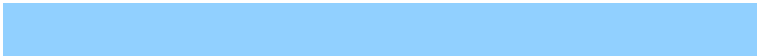
128.0000, -0.0000, -0.0000

Same Dimension

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



199.3820, -41.9980, 1.2180



194.5210, -52.6350, 1.2610



174.1410, -30.1730, 23.7070



118.1780, -6.3730, -0.1410



84.3550, -90.0940, 2.8180



27.4990, -29.2060, 0.6660

Inverse Universe

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



192.0120, 36.3980, 34.2060



185.0720, 45.3370, 42.9130



233.8590, 30.1730, -23.7070



116.7990, 5.1800, 5.2440



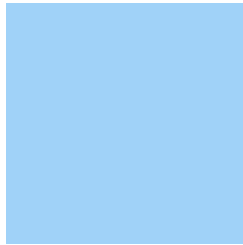
68.7090, 78.2970, 73.3450



22.2290, 25.1210, 23.8170

Previews

White Background



This preview shows how the YIQ color 199.3820, -41.9980, 1.2180 looks on a white background.

Color Contrast Check

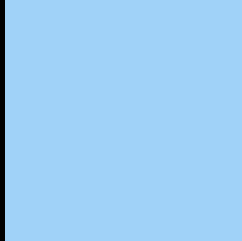
Large Text (above 18pt) WCAG AA × Fail

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 199.3820, -41.9980, 1.2180 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 199.3820, -41.9980, 1.2180

Background



This preview shows how black text looks on a background with the YIQ color 199.3820, -41.9980, 1.2180.



This preview shows how white text looks on a background with the YIQ color 199.3820, -41.9980,

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

199.3820, -41.9980, 1.2180

Protanopia

204.4670, -17.0120, 10.9560

Deuteranopia

204.8140, -16.3710, 15.8610



Tritanopia

197.8950, -39.4290, -6.7970

Trichromacy



Original Color

199.3820, -41.9980, 1.2180

Protanomaly

202.5690, -26.2270, 7.2530

Deuteranomaly

202.8620, -25.4940, 10.4900

Tritanomaly

198.4050, -40.8050, -3.8850

Monochromacy



Original Color

199.3820, -41.9980, 1.2180

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.2140, -15.2220, 0.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.3820, -41.9980, 1.2180 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(160, 210, 248)` looks like.

```
.text, #text, p{  
    color:rgb(160, 210, 248)  
}
```

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(160, 210, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 210, 248) }
```

Border

The CSS property to change the border of an element to YIQ 199.3820, -41.9980, 1.2180 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(160, 210, 248) }
```


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

```
.border{ border-color:rgb(160, 210, 248) }
```

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

Here you see how a box with a 4 pixel rgb(160, 210, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 210, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 210, 248);  
box-shadow:4px 4px 4px 4px rgb(160, 210,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 199.3820, -41.9980, 1.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 210, 248) }
```

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

```
.background{ background-color: rgb(160,  
210, 248) }
```

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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