

Converting Colors

YIQ(149.3980, -21.7320,
-2.6280)

Have a look what the booklet for
YIQ(149.3980, -21.7320, -2.6280)
contains.

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Color

**YIQ(149.3980, -21.7320,
-2.6280)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9DA9
RGB	127, 157, 169
RGB Percent	50%, 62%, 66%
CMY	0.5020, 0.3843, 0.3373
CMYK	0.25, 0.07, 0.00, 0.34
HSL	197°, 20%, 58%
HSV	197°, 25%, 66%
XYZ	27.9682, 31.4927, 42.1287
YIQ	149.3980, -21.7320, -2.6280

Conversions

Conversions Part 2

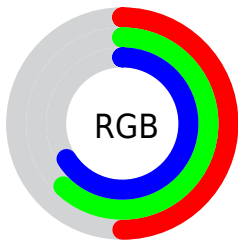
Format	Color
RYB	127, 145, 169
Decimal	8363433
CIELab	62.92, -7.61, -9.67
CIElCh	63, 12.303, 231.781
Yxy	31.4927, 0.2753, 0.3100
Android (android.graphics.Color)	4286553513 (0xFF7F9DA9)
YUV	149.3980, 9.6638, -19.6430
Hunter-Lab	56.1183, -9.2463, -5.2269

Details

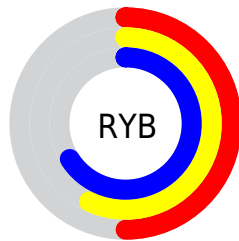
The YIQ color $149.3980, -21.7320, -2.6280$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $146.6020, 21.7320, 2.6280$, and the grayscale version is $149.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $203.8000, -22.9240, -3.0520$, and $98.5830, -20.8150, -2.7270$ is the 20% darker color. If you saturate the color by 10%, you get $141.3800, -30.4890, -3.6170$, and if you desaturate by 10%, it is $157.4160, -12.9750, -1.6390$.

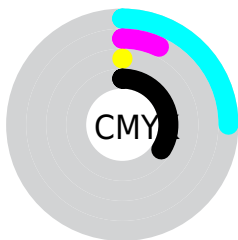
Distribution



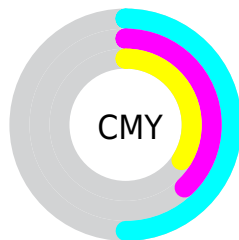
- Red (50%)
- Green (62%)
- Blue (66%)



- Red (50%)
- Yellow (57%)
- Blue (66%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)
- Black (34%)



- Cyan (50%)
- Magenta (38%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.3980, -21.7320, -2.6280 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 149.3980, -21.7320, -2.6280 by changing the saturation by 10% instead.

■ 149.3980,
-21.7320, -2.6280

■ 149.3980,
-21.7320, -2.6280

■ 255.0000, -0.0000,
-0.0000

■ 123.3980,
-21.7320, -2.6280

■ 203.8000,
-22.9240, -3.0520

■ 98.5830, -20.8150,
-2.7270

■ 231.9140,
-23.2450, -2.7410

■ 74.4690, -20.4940,
-3.0380

■ 249.6180,
-10.7280, -3.8160

■ 51.1700, -21.0900,
-3.2500

■ 28.4580, -21.9610,
-3.9850

■ 12.3560, -12.7460,
-0.2820

■ 0.0000, 0.0000,

0.0000

■ 149.3980,
-21.7320, -2.6280

■ 149.3980,
-21.7320, -2.6280

■ 141.3800,
-30.4890, -3.6170

■ 157.4160,
-12.9750, -1.6390

■ 133.3620,
-39.2460, -4.6060

■ 165.4340, -4.2180,
-0.6500

■ 125.9310,
-48.2780, -6.1180

■ 172.8650, 4.8140,
0.8620

■ 117.9130,
-57.0350, -7.1070

■ 180.8830, 13.5710,
1.8510

■ 109.8950,
-65.7920, -8.0960

■ 188.6020, 21.7320,
2.6280

■ 102.1760,
-73.9530, -8.8730

■ 196.6200, 30.4890,
3.6170

■ 94.1580, -82.7100,
-9.8620

■ 204.6380, 39.2460,
4.6060

■ 90.2930, -87.5240,
-10.7240

■ 210.5630, 43.8310,
4.1110

■ 212.9110, 42.7310,
2.0190

Harmonies

Analogous

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



148.6490, -21.1810, -7.1090



149.3980, -21.7320, -2.6280



151.1970, -16.5520, 2.6160

Triad

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



149.3980, -21.7320, -2.6280



154.6260, 13.1570, 9.3570



150.8940, 5.8700, -7.2660

Complementary

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



149.3980, -21.7320, -2.6280



146.6020, 21.7320, 2.6280

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.



152.0200, 14.4430, -2.9410



149.3980, -21.7320, -2.6280



154.2690, 18.4760, 6.5720

Square

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



149.3980, -21.7320, -2.6280



154.2490, 4.0330, 9.5130



153.4060, 19.3480, 1.7800



149.7510, -4.0330, -9.5130

Rectangle

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



149.3980, -21.7320, -2.6280



152.6000, -10.3170, 5.2590



153.4060, 19.3480, 1.7800



151.6880, 9.4460, -5.9940

Sweetspot

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



149.3980, -21.7320, -2.6280



212.1670, -7.8400, -1.0880



153.0220, -15.4020, -18.2340



105.5480, -4.5390, -0.3390



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



149.3980, -21.7320, -2.6280



188.9990, -33.7900, -4.3660



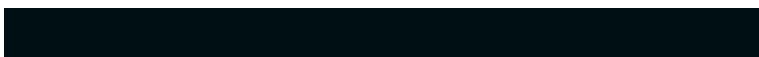
137.0710, -15.9570, 8.3550



80.4340, -4.2180, -0.6500



79.0940, -76.6580, -9.4100



11.0850, -10.5450, -1.6250

Inverse Universe

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



142.9780, 15.4020, 18.2340



178.7930, 23.6530, 28.3970



158.9290, 15.9570, -8.3550



79.0760, 2.8420, 3.5620



56.3360, 54.1820, 64.3420



7.6900, 7.1050, 8.9050

Previews

White Background



This preview shows how the YIQ color 149.3980, -21.7320, -2.6280 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 149.3980, -21.7320, -2.6280 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 149.3980, -21.7320, -2.6280

Background



This preview shows how black text looks on a background with the YIQ color 149.3980, -21.7320, -2.6280.



This preview shows how white text looks on a background with the YIQ color 149.3980, -21.7320, -2.6280.

-2.6280.

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

149.3980, -21.7320, -2.6280

Protanopia

152.5960, -4.4940, 4.3540

Deuteranopia

153.6120, -1.4230, 9.2730



Tritanopia

149.3980, -21.7320, -2.6280

Trichromacy



Original Color

149.3980, -21.7320, -2.6280

Protanomaly

151.1930, -10.7290, 1.7110

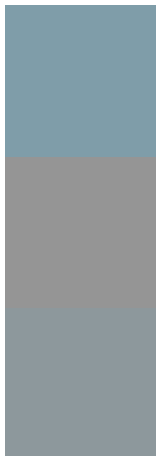
Deuteranomaly

151.9700, -8.4830, 5.0610

Tritanomaly

149.3980, -21.7320, -2.6280

Monochromacy



Original Color

149.3980, -21.7320, -2.6280

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.1670, -7.8400, -1.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.3980, -21.7320, -2.6280 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(127, 157, 169)` looks like.

```
.text, #text, p{  
    color:rgb(127, 157, 169)  
}
```

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(127, 157, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 157, 169) }
```

Border

The CSS property to change the border of an element to YIQ 149.3980, -21.7320, -2.6280 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(127, 157, 169) }
```


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

```
.border{ border-color:rgb(127, 157, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 157, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 157, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 157, 169);  
box-shadow:4px 4px 4px 4px rgb(127, 157,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 149.3980, -21.7320, -2.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 157, 169) }
```

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

```
.background{ background-color: rgb(127,  
157, 169) }
```

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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