

Converting Colors

YIQ(149.1420, -23.8870,
-2.1190)

Have a look what the booklet for
YIQ(149.1420, -23.8870, -2.1190)
contains.

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Color

**YIQ(149.1420, -23.8870,
-2.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9DAC
RGB	125, 157, 172
RGB Percent	49%, 62%, 67%
CMY	0.5099, 0.3842, 0.3256
CMYK	0.27, 0.09, 0.00, 0.33
HSL	199°, 22%, 58%
HSV	199°, 27%, 67%
XYZ	27.9580, 31.4547, 43.6139
YIQ	149.1420, -23.8870, -2.1190

Conversions

Conversions Part 2

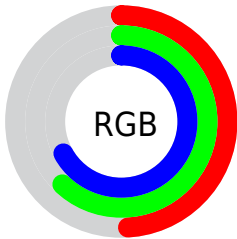
Format	Color
RYB	125, 144, 172
Decimal	8232364
CIELab	62.89, -7.52, -11.41
CIElCh	63, 13.665, 236.636
Yxy	31.4547, 0.2714, 0.3053
Android (android.graphics.Color)	4286422444 (0xFF7D9DAC)
YUV	149.1420, 11.2690, -21.1725
Hunter-Lab	56.0845, -9.1660, -6.8475

Details

The YIQ color $149.1420, -23.8870, -2.1190$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $147.8580, 23.8870, 2.1190$, and the grayscale version is $149.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $203.8430, -24.4830, -2.3310$, and $98.0280, -23.5660, -2.4300$ is the 20% darker color. If you saturate the color by 10%, you get $141.1240, -32.6440, -3.1080$, and if you desaturate by 10%, it is $157.1600, -15.1300, -1.1300$.

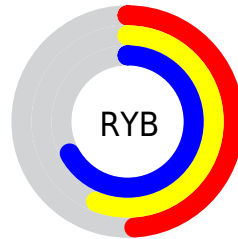
Distribution



Red (49%)

Green (62%)

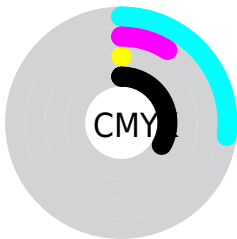
Blue (67%)



Red (49%)

Yellow (56%)

Blue (67%)

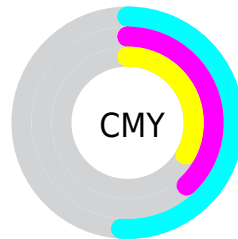


Cyan (27%)

Magenta (9%)

Yellow (0%)

Black (33%)



Cyan (51%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.1420, -23.8870, -2.1190 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 149.1420, -23.8870, -2.1190 by changing the saturation by 10% instead.

■ 149.1420,
-23.8870, -2.1190

■ 149.1420,
-23.8870, -2.1190

■ 255.0000, -0.0000,
-0.0000

■ 123.0280,
-23.5660, -2.4300

■ 203.8430,
-24.4830, -2.3310

■ 98.0280, -23.5660,
-2.4300

■ 231.5440,
-25.0790, -2.5430

■ 73.9140, -23.2450,
-2.7410

■ 249.0200,
-11.9200, -4.2400

■ 50.5010, -23.5200,
-3.2640

■ 27.6040, -25.3080,
-3.9000

■ 12.5840, -13.3880,
0.3400

■ 0.0000, 0.0000,

0.0000

■ 149.1420,
-23.8870, -2.1190

■ 149.1420,
-23.8870, -2.1190

■ 141.1240,
-32.6440, -3.1080

■ 157.1600,
-15.1300, -1.1300

■ 132.5190,
-41.1260, -3.5740

■ 165.7650, -6.6480,
-0.6640

■ 124.2020,
-50.4790, -4.7750

■ 174.0820, 2.7050,
0.5370

■ 115.5970,
-58.9610, -5.2410

■ 182.6870, 11.1870,
1.0030

■ 107.5790,
-67.7180, -6.2300

■ 190.7050, 19.9440,
1.9920

■ 98.9740, -76.2000,
-6.6960

■ 199.3100, 28.4260,
2.4580

■ 90.9560, -84.9570,
-7.6850

■ 207.3280, 37.1830,
3.4470

■ 88.2870, -87.3870,
-7.6990

■ 213.8400, 41.4930,
2.4290

■ 216.7750, 40.1180,
-0.1860

Harmonies

Analogous

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



148.0940, -23.9320, -6.8120



149.1420, -23.8870, -2.1190



151.4250, -17.1940, 3.2380

Triad

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



149.1420, -23.8870, -2.1190



154.7080, 15.8620, 9.8940



150.6550, 5.0450, -8.8350

Complementary

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



149.1420, -23.8870, -2.1190



147.8580, 23.8870, 2.1190

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.



151.9660, 14.5350, -4.6090



149.1420, -23.8870, -2.1190



153.9380, 20.9060, 6.5860

Square

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



149.1420, -23.8870, -2.1190



154.5590, 6.0960, 10.6720



153.0640, 20.3110, 0.8470



149.1420, -6.6920, -10.8840

Rectangle

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



149.1420, -23.8870, -2.1190



152.8390, -9.4920, 6.8280



153.0640, 20.3110, 0.8470



150.8620, 8.8960, -7.0400

Sweetspot

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



149.1420, -23.8870, -2.1190



215.6830, -9.3530, -1.2010



154.2990, -17.7400, -19.9160



106.9500, -5.7310, -0.7630



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



149.1420, -23.8870, -2.1190



188.3730, -37.7790, -3.6590



135.6410, -17.5620, 9.9100



82.5480, -4.5390, -0.3390



77.5610, -76.4750, -7.2190



12.0140, -11.7830, -1.2150

Inverse Universe

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



142.7010, 17.7400, 19.9160



177.9400, 27.7330, 31.5490



161.3590, 17.5620, -9.9100



81.3750, 3.4380, 3.7740



56.5920, 56.3370, 63.8330



8.7010, 8.5720, 9.8520

Previews

White Background



This preview shows how the YIQ color 149.1420, -23.8870, -2.1190 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 149.1420, -23.8870, -2.1190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

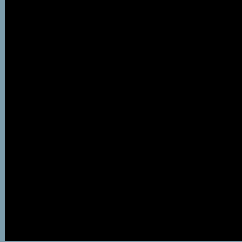
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 149.1420, -23.8870, -2.1190

Background



This preview shows how black text looks on a background with the YIQ color 149.1420, -23.8870, -2.1190.



This preview shows how white text looks on a background with the YIQ color 149.1420, -23.8870, -2.1190.

-2.1190.

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

149.1420, -23.8870, -2.1190

Protanopia

152.6390, -6.0530, 5.0750

Deuteranopia

153.3560, -3.5780, 9.7820



Tritanopia

148.9140, -23.2450, -2.7410

Trichromacy



Original Color

149.1420, -23.8870, -2.1190

Protanomaly

151.2360, -12.2880, 2.4320

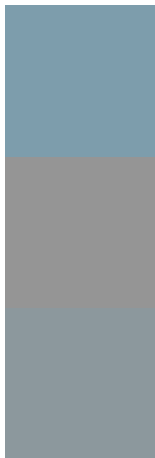
Deuteranomaly

151.7140, -10.6380, 5.5700

Tritanomaly

149.0280, -23.5660, -2.4300

Monochromacy



Original Color

149.1420, -23.8870, -2.1190

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.9820, -8.7570, -0.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.1420, -23.8870, -2.1190 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(125, 157, 172)` looks like.

```
.text, #text, p{  
    color:rgb(125, 157, 172)  
}
```

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(125, 157, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 157, 172) }
```

Border

The CSS property to change the border of an element to YIQ 149.1420, -23.8870, -2.1190 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(125, 157, 172) }
```


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

```
.border{ border-color:rgb(125, 157, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 157, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 157, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 157, 172);  
box-shadow:4px 4px 4px 4px rgb(125, 157,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 149.1420, -23.8870, -2.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 157, 172) }
```

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

```
.background{ background-color: rgb(125,  
157, 172) }
```

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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