

Converting Colors

YIQ(149.2950, -10.7760, 8.0720)

Have a look what the booklet for
YIQ(149.2950, -10.7760, 8.0720)
contains.

YIQ(149.2950, -10.7760, 8.0720)	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(149.2950, -10.7760,
8.0720)**

Conversions

Conversions Part 1

Format	Color
Hex	9093AF
RGB	144, 147, 175
RGB Percent	56%, 58%, 69%
CMY	0.4353, 0.4235, 0.3138
CMYK	0.18, 0.16, 0.00, 0.31
HSL	234°, 16%, 63%
HSV	234°, 18%, 69%
XYZ	29.6722, 29.8919, 44.7548
YIQ	149.2950, -10.7760, 8.0720

Conversions

Conversions Part 2

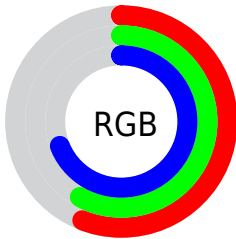
Format	Color
RYB	144, 147, 175
Decimal	9474991
CIELab	61.56, 4.87, -14.98
CIElCh	62, 15.752, 288.025
Yxy	29.8919, 0.2844, 0.2865
Android (android.graphics.Color)	4287665071 (0xFF9093AF)
YUV	149.2950, 12.6726, -4.6437
Hunter-Lab	54.6735, 1.1965, -10.2624

Details

The YIQ color $149.2950, -10.7760, 8.0720$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $169.7050, 10.7760, -8.0720$, and the grayscale version is $149.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $203.5230, -11.4180, 8.6940$, and $98.7680, -10.7300, 7.2380$ is the 20% darker color. If you saturate the color by 10%, you get $134.8200, -16.5080, 12.8360$, and if you desaturate by 10%, it is $164.0690, -4.4480, 3.5200$.

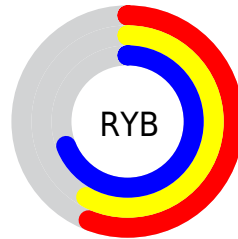
Distribution



Red (56%)

Green (58%)

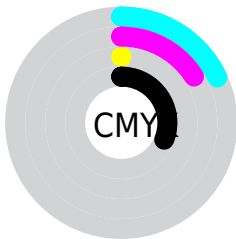
Blue (69%)



Red (56%)

Yellow (58%)

Blue (69%)

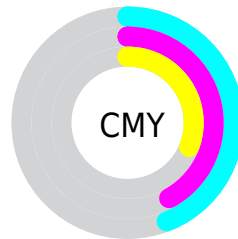


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (31%)



Cyan (44%)

Magenta (42%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.2950, -10.7760, 8.0720 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 149.2950, -10.7760, 8.0720 by changing the saturation by 10% instead.

■ 149.2950,
-10.7760, 8.0720

■ 149.2950,
-10.7760, 8.0720

■ 255.0000, -0.0000,
-0.0000

■ 123.1810,
-10.4550, 7.7610

■ 203.5230,
-11.4180, 8.6940

■ 98.6540, -10.4090,
6.9270

■ 231.0670,
-10.1340, 7.4500

■ 74.6540, -10.4090,
6.9270

■ 51.5400, -10.0880,
6.6160

■ 30.0130, -10.0420,
5.7820

■ 5.4800, -9.8590,
7.9730

■ 0.1140, -0.3210,

0.3110

■ 0.0000, 0.0000,
0.0000

■ 149.2950,
-10.7760, 8.0720

■ 149.2950,
-10.7760, 8.0720

■ 134.8200,
-16.5080, 12.8360

■ 164.0690, -4.4480,
3.5200

■ 120.0460,
-22.8360, 17.3880

■ 178.5440, 1.2840,
-1.2440

■ 106.1580,
-28.8430, 21.6290

■ 192.4320, 7.2910,
-5.4850

■ 91.3840, -35.1710,
26.1810

■ 207.2060, 13.6190,
-10.0370

■ 76.9090, -40.9030,
30.9450

■ 221.6810, 19.3510,
-14.8010

■ 62.1350, -47.2310,
35.4970

■ 236.4550, 25.6790,
-19.3530

■ 47.6600, -52.9630,
40.2610

■ 245.8800, 25.6800,
-24.8800

■ 33.4730, -59.5660,
44.2900

■ 29.9290, -60.8500,
45.5340

Harmonies

Analogous

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



146.9620, -23.2000, 1.9520



149.2950, -10.7760, 8.0720



150.5310, 3.2990, 11.8030

Triad

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



149.2950, -10.7760, 8.0720



150.3850, 23.8410, 2.9530



143.6400, -16.9620, -11.9860

Complementary

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



149.2950, -10.7760, 8.0720



169.7050, 10.7760, -8.0720

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.



145.5830, -3.6200, -11.4920



149.2950, -10.7760, 8.0720



148.9450, 19.0280, -3.4360

Square

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



149.2950, -10.7760, 8.0720



150.8890, 22.6020, 8.8900



147.1070, 9.5840, -8.4960



143.5450, -26.8200, -9.5400

Rectangle

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



149.2950, -10.7760, 8.0720



151.1360, 11.7810, 12.2690



147.1070, 9.5840, -8.4960



144.6790, -12.6980, -12.1700

Sweetspot

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



149.2950, -10.7760, 8.0720



217.8410, -3.8060, 2.8980



165.3890, -17.5130, -7.5050



109.3850, -2.5220, 1.6540



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



149.2950, -10.7760, 8.0720



187.4070, -16.7830, 12.3130



151.1220, -2.7990, 12.1850



79.6130, -3.1640, 2.2760



25.9050, -52.2750, 38.8050



3.7960, -7.9330, 6.1070

Inverse Universe

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



153.6110, 17.5130, 7.5050



193.9220, 27.0030, 11.7310



167.8780, 2.7990, -12.1850



80.8050, 5.0430, 2.2190



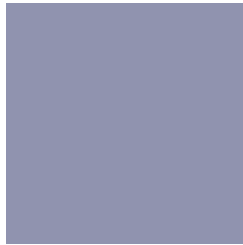
46.5600, 84.5850, 36.4650



7.1050, 13.0660, 5.4980

Previews

White Background



This preview shows how the YIQ color 149.2950, -10.7760, 8.0720 looks on a white background.

Color Contrast Check

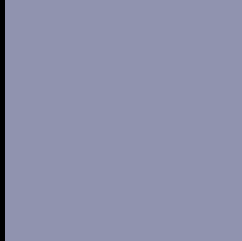
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.2950, -10.7760, 8.0720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

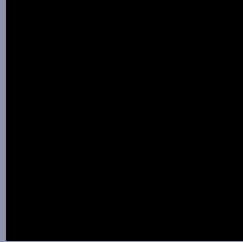
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

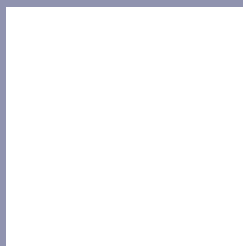
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 149.2950, -10.7760, 8.0720

Background



This preview shows how black text looks on a background with the YIQ color 149.2950, -10.7760, 8.0720.



This preview shows how white text looks on a background with the YIQ color 149.2950, -10.7760,

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

149.2950, -10.7760, 8.0720

Protanopia

148.9960, -11.3720, 7.8600

Deuteranopia

149.9150, -6.6500, 10.3900



Tritanopia

148.2750, -8.0240, 2.2480

Trichromacy



Original Color

149.2950, -10.7760, 8.0720

Protanomaly

148.9960, -11.3720, 7.8600

Deuteranomaly

149.9040, -8.1170, 9.4430

Tritanomaly

148.5570, -8.7580, 4.5380

Monochromacy



Original Color

149.2950, -10.7760, 8.0720

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.8410, -3.8060, 2.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.2950, -10.7760, 8.0720 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(144, 147, 175)` looks like.

```
.text, #text, p{  
    color:rgb(144, 147, 175)  
}
```

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(144, 147, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 147, 175) }
```

Border

The CSS property to change the border of an element to YIQ 149.2950, -10.7760, 8.0720 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(144, 147, 175) }
```


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

```
.border{ border-color:rgb(144, 147, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 147, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 147, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 147, 175);  
box-shadow:4px 4px 4px 4px rgb(144, 147,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 149.2950, -10.7760, 8.0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 147, 175) }
```

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

```
.background{ background-color: rgb(144,  
147, 175) }
```

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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