

Converting Colors

YIQ(119.8140, 24.9050,
-49.3910)

Have a look what the booklet for
YIQ(119.8140, 24.9050, -49.3910)
contains.

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Color

**YIQ(119.8140, 24.9050,
-49.3910)**

Conversions

Conversions Part 1

Format	Color
Hex	719108
RGB	113, 145, 8
RGB Percent	44%, 57%, 3%
CMY	0.5570, 0.4313, 0.9684
CMYK	0.22, 0.00, 0.94, 0.43
HSL	74°, 89%, 30%
HSV	74°, 94%, 57%
XYZ	16.9763, 23.7804, 3.9266
YIQ	119.8140, 24.9050, -49.3910

Conversions

Conversions Part 2

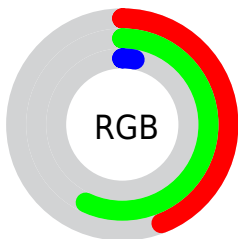
Format	Color
RYB	8, 145, 40
Decimal	7442696
CIELab	55.87, -28.19, 57.83
CIElCh	56, 64.338, 115.987
Yxy	23.7804, 0.3799, 0.5322
Android (android.graphics.Color)	4285632776 (0xFF719108)
YUV	119.8140, -55.1243, -5.9759
Hunter-Lab	48.7652, -23.1991, 29.3616

Details

The YIQ color **119.8140, 24.9050, -49.3910** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **33.1860, -24.9050, 49.3910**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.3670, 21.9700, -45.7580**, and **73.1180, 9.9100, -36.4420** is the 20% darker color. If you saturate the color by 10%, you get **118.3040, 26.2810, -52.3030**, and if you desaturate by 10%, it is **122.4210, 21.8780, -44.0900**.

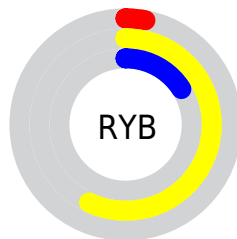
Distribution



Red (44%)

Green (57%)

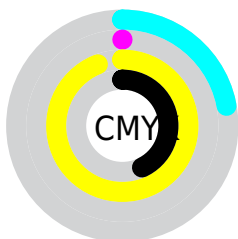
Blue (3%)



Red (3%)

Yellow (57%)

Blue (16%)

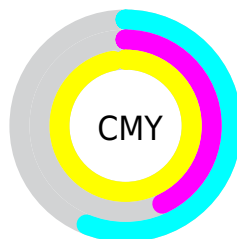


Cyan (22%)

Magenta (0%)

Yellow (94%)

Black (43%)



Cyan (56%)

Magenta (43%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.8140, 24.9050, -49.3910 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 119.8140, 24.9050, -49.3910 by changing the saturation by 10% instead.

■ 119.8140, 24.9050,
-49.3910

■ 119.8140, 24.9050,
-49.3910

■ 255.0000, -0.0000,
-0.0000

■ 95.5670, 18.5310,
-44.0050

■ 175.3670, 21.9700,
-45.7580

■ 73.1180, 9.9100,
-36.4420

■ 203.5520, 22.8870,
-45.8570

■ 51.2450, -0.4530,
-30.3490

■ 231.7370, 23.8040,
-45.9560

■ 28.4750, -12.6040,
-24.8920

■ 243.4860, 32.4210,
-31.4110

■ 17.0230, -7.9750,
-15.1670

■ 246.6780, 23.4330,
-22.7030

■ 0.0000, 0.0000,
0.0000

■ 249.9840, 14.1240,

-13.6840

■ 253.2900, 4.8150,
-4.6650

■ 119.8140, 24.9050,
-49.3910

■ 119.8140, 24.9050,
-49.3910

■ 118.3040, 26.2810,
-52.3030

■ 122.4210, 21.8780,
-44.0900

■ 125.2130, 19.7680,
-38.8880

■ 127.8200, 16.7410,
-33.5870

■ 130.6120, 14.6310,
-28.3850

■ 133.2190, 11.6040,
-23.0840

■ 135.7120, 8.8980,
-18.0940

■ 138.6180, 6.4670,
-12.5810

■ 141.1110, 3.7610,
-7.5910

■ 144.0170, 1.3300,
-2.0780

Harmonies

Analogous

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



125.6560, 64.0570, -32.0630



119.8140, 24.9050, -49.3910



102.5100, -56.3840, -57.4720

Triad

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



119.8140, 24.9050, -49.3910



116.7490, -115.1710, -10.7790



129.2000, 68.7640, 53.3720

Complementary

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



119.8140, 24.9050, -49.3910



33.1860, -24.9050, 49.3910

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.



136.8160, 25.9870, 52.1870



119.8140, 24.9050, -49.3910



111.9850, -118.2910, 1.7170

Square

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



119.8140, 24.9050, -49.3910



113.9670, -101.8260, -26.8660



133.3870, -39.2530, 34.0830



127.2350, 86.8780, 33.4540

Rectangle

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



119.8140, 24.9050, -49.3910



104.7160, -77.1550, -49.9790



133.3870, -39.2530, 34.0830



132.0940, 57.4390, 54.8710

Sweetspot

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



119.8140, 24.9050, -49.3910



179.0710, 9.2650, -19.2390



67.7470, 72.8520, 12.3080



88.2590, 6.1000, -11.4360



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



119.8140, 24.9050, -49.3910



154.2980, 34.4450, -68.1070



99.4820, -15.6230, -63.8070



69.9030, 1.6510, -2.3890



110.3410, 24.8590, -48.5570



6.4900, 1.3760, -2.9120

Inverse Universe

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



33.1860, -24.9050, 49.3910



34.7020, -34.4450, 68.1070



53.5180, 15.6230, 63.8070



65.3960, -1.0550, 2.6010



24.9580, -24.2630, 48.7690



1.5100, -1.3760, 2.9120

Previews

White Background



This preview shows how the YIQ color 119.8140, 24.9050, -49.3910 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 119.8140, 24.9050, -49.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

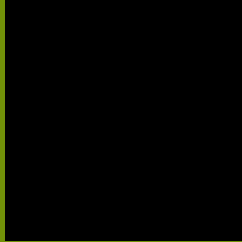
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.8140, 24.9050, -49.3910

Background



This preview shows how black text looks on a background with the YIQ color 119.8140, 24.9050, -49.3910.



This preview shows how white text looks on a background with the YIQ color 119.8140, 24.9050,

-49.3910.

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

119.8140, 24.9050, -49.3910

Protanopia

123.8070, 53.1460, -38.0700

Deuteranopia

127.8590, 56.5360, -22.4080



Tritanopia

133.1500, -9.1700, 0.9900

Trichromacy



Original Color

119.8140, 24.9050, -49.3910

Protanomaly

122.3110, 42.7390, -42.1970

Deuteranomaly

125.1900, 44.9380, -32.4860

Tritanomaly

128.6020, 3.3960, -17.5000

Monochromacy



Original Color

119.8140, 24.9050, -49.3910

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.7120, 8.8980, -18.0940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.8140, 24.9050, -49.3910 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(113, 145, 8)` looks like.

```
.text, #text, p{  
    color:rgb(113, 145, 8)  
}
```

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(113, 145, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 145, 8) }
```

Border

The CSS property to change the border of an element to YIQ 119.8140, 24.9050, -49.3910 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(113, 145, 8) }
```


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

```
.border{ border-color:rgb(113, 145, 8) }
```

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

Here you see how a box with a 4 pixel rgb(113, 145, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 145, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 145, 8);  
box-shadow:4px 4px 4px 4px rgb(113, 145,  
8) }
```

Background

The CSS property to change the background color of an element to YIQ 119.8140, 24.9050, -49.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 145, 8) }
```

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

```
.background{ background-color: rgb(113,  
145, 8) }
```

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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