

Converting Colors

YIQ(149.0230, -24.0290,
22.4910)

Have a look what the booklet for
YIQ(149.0230, -24.0290, 22.4910)
contains.

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Color

**YIQ(149.0230, -24.0290,
22.4910)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8DD6
RGB	140, 141, 214
RGB Percent	55%, 55%, 84%
CMY	0.4509, 0.4470, 0.1609
CMYK	0.35, 0.34, 0.00, 0.16
HSL	239°, 47%, 69%
HSV	239°, 35%, 84%
XYZ	32.4747, 29.4794, 67.5709
YIQ	149.0230, -24.0290, 22.4910

Conversions

Conversions Part 2

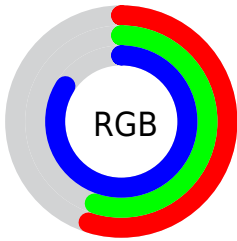
Format	Color
RYB	140, 141, 214
Decimal	9211350
CIELab	61.20, 16.78, -37.49
CIELCh	61, 41.070, 294.112
Yxy	29.4794, 0.2507, 0.2276
Android (android.graphics.Color)	4287401430 (0xFF8C8DD6)
YUV	149.0230, 32.0337, -7.9132
Hunter-Lab	54.2949, 11.7476, -35.7809

Details

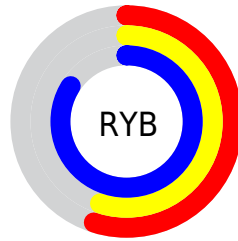
The YIQ color **149.0230, -24.0290, 22.4910** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **204.9770, 24.0290, -22.4910**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **202.1390, -18.6640, 18.8720**, and **97.5560, -24.2120, 20.3000** is the 20% darker color. If you saturate the color by 10%, you get **130.4170, -30.7700, 29.0220**, and if you desaturate by 10%, it is **167.6290, -17.2880, 15.9600**.

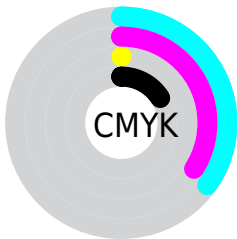
Distribution



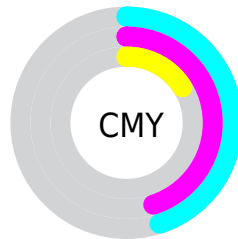
- Red (55%)
- Green (55%)
- Blue (84%)



- Red (55%)
- Yellow (55%)
- Blue (84%)



- Cyan (35%)
- Magenta (34%)
- Yellow (0%)
- Black (16%)



- Cyan (45%)
- Magenta (45%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.0230, -24.0290, 22.4910 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 149.0230, -24.0290, 22.4910 by changing the saturation by 10% instead.

■ 149.0230,
-24.0290, 22.4910

■ 149.0230,
-24.0290, 22.4910

■ 255.0000, -0.0000,
-0.0000

■ 123.0830,
-24.2580, 21.1340

■ 202.1390,
-18.6640, 18.8720

■ 97.5560, -24.2120,
20.3000

■ 226.3600, -9.4010,
10.6870

■ 72.9040, -25.3120,
18.2080

■ 252.0540, -0.0920,
1.6680

■ 49.0670, -27.3290,
16.2150

■ 24.0230, -33.1970,
12.4270

■ 6.7260, -18.9390,
18.3490

■ 5.2780, -12.1060,

10.1500

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,
0.0000

■ 149.0230,
-24.0290, 22.4910

■ 149.0230,
-24.0290, 22.4910

■ 130.4170,
-30.7700, 29.0220

■ 167.6290,
-17.2880, 15.9600

■ 111.5120,
-38.1070, 35.3410

■ 186.5340, -9.9510,
9.6410

■ 92.9060, -44.8480,
41.8720

■ 205.1400, -3.2100,
3.1100

■ 74.0010, -52.1850,
48.1910

■ 224.0450, 4.1270,
-3.2090

■ 54.8080, -58.6510,
55.2450

■ 243.2380, 10.5930,
-10.2630

■ 36.2020, -65.3920,
61.7760

■ 250.3260, 13.1610,
-12.7510

■ 26.1570, -69.5190,
64.9850

Harmonies

Analogous

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



136.7070, -70.6540, 2.9300



149.0230, -24.0290, 22.4910



151.9370, 14.6200, 32.4120

Triad

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



149.0230, -24.0290, 22.4910



147.2670, 56.3480, 3.0360



122.8560, -71.1970, -36.8050

Complementary

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



149.0230, -24.0290, 22.4910



204.9770, 24.0290, -22.4910

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.



135.9530, -20.1220, -31.8180



149.0230, -24.0290, 22.4910



145.0010, 41.8170, -14.4630

Square

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



149.0230, -24.0290, 22.4910



149.0030, 57.8120, 20.5640



142.1500, 16.0520, -26.6040



117.5060, -102.1460, -32.0820

Rectangle

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



149.0230, -24.0290, 22.4910



151.8870, 35.2520, 32.9480



142.1500, 16.0520, -26.6040



129.2730, -50.3820, -34.0780

Sweetspot

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



149.0230, -24.0290, 22.4910



232.8500, -8.0250, 7.7750



191.7600, -43.7830, -15.9990



113.8240, -5.1360, 4.9760



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.



149.0230, -24.0290, 22.4910



163.1440, -34.2550, 31.6090



159.2000, -2.2980, 30.6460



97.8410, -3.8060, 2.8980



20.6680, -55.4410, 52.1350



5.4890, -14.0780, 12.8500

Inverse Universe

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



162.2400, 43.7830, 15.9990



181.6230, 61.9380, 22.8820



194.8000, 2.2980, -30.6460



99.4030, 6.2350, 2.6430



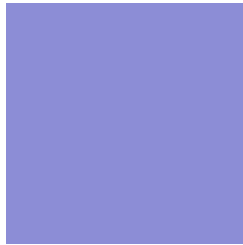
51.3570, 101.2740, 36.8740



12.9710, 25.3070, 9.4270

Previews

White Background



This preview shows how the YIQ color 149.0230, -24.0290, 22.4910 looks on a white background.

Color Contrast Check

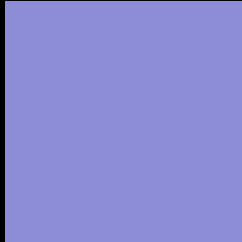
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.0230, -24.0290, 22.4910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

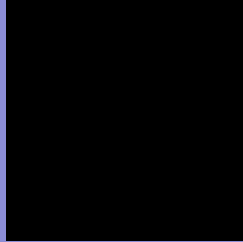
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.0230, -24.0290, 22.4910

Background



This preview shows how black text looks on a background with the YIQ color 149.0230, -24.0290, 22.4910.



This preview shows how white text looks on a background with the YIQ color 149.0230, -24.0290, 22.4910.

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

149.0230, -24.0290, 22.4910

Protanopia

146.6300, -36.2240, 17.7280

Deuteranopia

146.4620, -35.8110, 15.7490



Tritanopia

145.7900, -16.9640, -0.9320

Trichromacy



Original Color

149.0230, -24.0290, 22.4910

Protanomaly

147.7230, -32.0520, 19.2120

Deuteranomaly

147.3810, -31.0890, 18.2790

Tritanomaly

146.8040, -19.5790, 7.9170

Monochromacy



Original Color

149.0230, -24.0290, 22.4910

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.0780, -8.6670, 8.3970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.0230, -24.0290, 22.4910 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(140, 141, 214)` looks like.

```
.text, #text, p{  
    color:rgb(140, 141, 214)  
}
```

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(140, 141, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 141, 214) }
```

Border

The CSS property to change the border of an element to YIQ 149.0230, -24.0290, 22.4910 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(140, 141, 214) }
```


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

```
.border{ border-color:rgb(140, 141, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 141, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 141, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 141, 214);  
box-shadow:4px 4px 4px 4px rgb(140, 141,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 149.0230, -24.0290, 22.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 141, 214) }
```

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

```
.background{ background-color: rgb(140,  
141, 214) }
```

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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