

Converting Colors

YIQ(149.4610, 24.4010,
-51.2710)

Have a look what the booklet for
YIQ(149.4610, 24.4010, -51.2710)
contains.

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Color

**YIQ(149.4610, 24.4010,
-51.2710)**

Conversions

Conversions Part 1

Format	Color
Hex	8DB023
RGB	141, 176, 35
RGB Percent	55%, 69%, 14%
CMY	0.4472, 0.3097, 0.8625
CMYK	0.20, 0.00, 0.80, 0.31
HSL	75°, 67%, 41%
HSV	75°, 80%, 69%
XYZ	26.8094, 36.8368, 7.2914
YIQ	149.4610, 24.4010, -51.2710

Conversions

Conversions Part 2

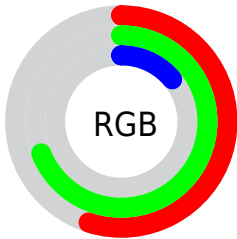
Format	Color
RYB	35, 176, 70
Decimal	9285667
CIELab	67.15, -30.52, 62.15
CIELCh	67, 69.240, 116.150
Yxy	36.8368, 0.3779, 0.5193
Android (android.graphics.Color)	4287475747 (0xFF8DB023)
YUV	149.4610, -56.4293, -7.4203
Hunter-Lab	60.6934, -27.3666, 35.3625

Details

The YIQ color **149.4610, 24.4010, -51.2710** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **61.5390, -24.4010, 51.2710**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.9880, 24.3550, -50.4370**, and **97.9150, 17.4310, -46.0970** is the 20% darker color. If you saturate the color by 10%, you get **146.2130, 27.7950, -57.7170**, and if you desaturate by 10%, it is **152.7090, 21.0070, -44.8250**.

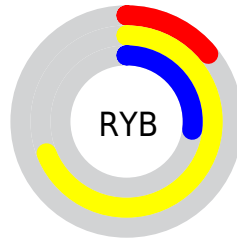
Distribution



Red (55%)

Green (69%)

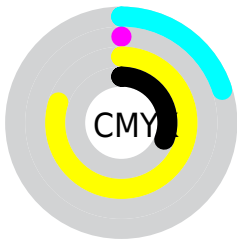
Blue (14%)



Red (14%)

Yellow (69%)

Blue (27%)

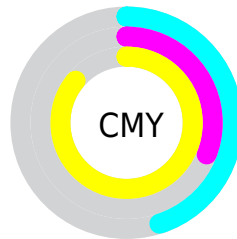


Cyan (20%)

Magenta (0%)

Yellow (80%)

Black (31%)



Cyan (45%)

Magenta (31%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.4610, 24.4010, -51.2710 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 149.4610, 24.4010, -51.2710 by changing the saturation by 10% instead.

■ 149.4610, 24.4010,
-51.2710

■ 149.4610, 24.4010,
-51.2710

■ 255.0000, -0.0000,
-0.0000

■ 121.2500, 26.3730,
-53.9710

■ 205.9880, 24.3550,
-50.4370

■ 97.9150, 17.4310,
-46.0970

■ 231.2380, 26.6470,
-47.9210

■ 75.1670, 8.2140,
-38.7460

■ 242.8020, 34.3470,
-33.2770

■ 52.7070, -1.8740,
-32.1300

■ 245.9940, 25.3590,
-24.5690

■ 29.9370, -14.0250,
-26.6730

■ 249.3000, 16.0500,
-15.5500

■ 18.7840, -8.8000,
-16.7360

■ 252.6060, 6.7410,

■ 0.0000, 0.0000,

-6.5310

0.0000

■ 149.4610, 24.4010,
-51.2710

■ 149.4610, 24.4010,
-51.2710

■ 146.2130, 27.7950,
-57.7170

■ 152.7090, 21.0070,
-44.8250

■ 142.7800, 30.2720,
-64.0640

■ 156.1420, 18.5300,
-38.4780

■ 159.3900, 15.1360,
-32.0320

■ 162.5240, 12.0630,
-25.8970

■ 166.0710, 9.2650,
-19.2390

■ 169.3190, 5.8710,
-12.7930

■ 172.7520, 3.3940,
-6.4460

■ 176.0000, -0.0000,
-0.0000

■ 179.1340, -3.0730,
6.1350

Harmonies

Analogous

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



154.3270, 72.1730, -35.9790



149.4610, 24.4010, -51.2710



133.7830, -52.8990, -60.0590

Triad

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



149.4610, 24.4010, -51.2710



138.8390, -133.2800, -18.4960



155.9550, 68.0760, 54.8280

Complementary

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



149.4610, 24.4010, -51.2710



61.5390, -24.4010, 51.2710

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.



167.3590, 29.0120, 57.9400



149.4610, 24.4010, -51.2710



130.6210, -129.4300, -11.1740

Square

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



149.4610, 24.4010, -51.2710



137.4420, -122.4570, -32.9290



161.3720, -34.8970, 32.2310



152.4090, 86.3280, 32.4080

Rectangle

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



149.4610, 24.4010, -51.2710



127.0510, -94.5760, -59.1520



161.3720, -34.8970, 32.2310



161.2840, 59.9600, 58.7440

Sweetspot

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



149.4610, 24.4010, -51.2710



219.4300, 9.6320, -20.3840



96.5300, 74.9610, 12.6330



108.4330, 5.5500, -12.4820



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.



149.4610, 24.4010, -51.2710



188.3610, 38.1610, -80.3910



129.1290, -16.1270, -65.6870



87.3760, 1.6970, -3.2230



124.1960, 26.4650, -55.6390



20.9430, 4.1740, -9.5700

Inverse Universe

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



61.5390, -24.4010, 51.2710



50.6390, -38.1610, 80.3910



81.8710, 16.1270, 65.6870



81.9230, -1.1010, 3.4350



28.8040, -26.4650, 55.6390



4.7580, -4.7700, 9.3580

Previews

White Background



This preview shows how the YIQ color 149.4610, 24.4010, -51.2710 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 149.4610, 24.4010, -51.2710 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 149.4610, 24.4010, -51.2710

Background



This preview shows how black text looks on a background with the YIQ color 149.4610, 24.4010, -51.2710.



This preview shows how white text looks on a background with the YIQ color 149.4610, 24.4010, -51.2710.

-51.2710.

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

149.4610, 24.4010, -51.2710

Protanopia

154.0460, 53.9710, -36.5010

Deuteranopia

157.5240, 64.7890, -23.2990



Tritanopia

162.7910, -9.5370, 2.1350

Trichromacy



Original Color

149.4610, 24.4010, -51.2710

Protanomaly

152.6100, 43.3350, -41.9850

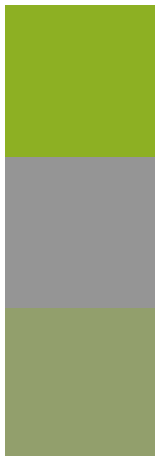
Deuteranomaly

154.8870, 50.1650, -33.6030

Tritanomaly

157.7160, 3.0750, -17.1890

Monochromacy



Original Color

149.4610, 24.4010, -51.2710

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.2990, 8.6230, -18.6170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4610, 24.4010, -51.2710 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(141, 176, 35)` looks like.

```
.text, #text, p{  
    color:rgb(141, 176, 35)  
}
```

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(141, 176, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 176, 35) }
```

Border

The CSS property to change the border of an element to YIQ 149.4610, 24.4010, -51.2710 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(141, 176, 35) }
```


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

```
.border{ border-color:rgb(141, 176, 35) }
```

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

Here you see how a box with a 4 pixel rgb(141, 176, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 176, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 176, 35);  
box-shadow:4px 4px 4px 4px rgb(141, 176,  
35) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4610, 24.4010, -51.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 176, 35) }
```

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

```
.background{ background-color: rgb(141,  
176, 35) }
```

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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