

Converting Colors

YIQ(149.8020, 24.0380,
-72.2340)

Have a look what the booklet for
YIQ(149.8020, 24.0380, -72.2340)
contains.

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Color

**YIQ(149.8020, 24.0380,
-72.2340)**

Conversions

Conversions Part 1

Format	Color
Hex	80BE00
RGB	128, 190, 0
RGB Percent	50%, 75%, 0%
CMY	0.4983, 0.2548, 0.9997
CMYK	0.33, 0.00, 1.00, 0.25
HSL	80°, 100%, 37%
HSV	80°, 100%, 75%
XYZ	27.3112, 41.4221, 6.5576
YIQ	149.8020, 24.0380, -72.2340

Conversions

Conversions Part 2

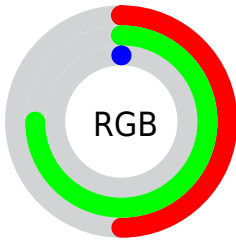
Format	Color
RYB	0, 190, 62
Decimal	8437248
CIELab	70.47, -42.78, 70.69
CIELCh	70, 82.626, 121.178
Yxy	41.4221, 0.3627, 0.5502
Android (android.graphics.Color)	4286627328 (0xFF80BE00)
YUV	149.8020, -73.8524, -19.1204
Hunter-Lab	64.3600, -36.8833, 39.0110

Details

The YIQ color **149.8020, 24.0380, -72.2340** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **40.1980, -24.0380, 72.2340**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.7230, 17.2510, -64.8690**, and **100.7620, 4.3200, -56.2880** is the 20% darker color. If you saturate the color by 10%, you get **149.8020, 24.0380, -72.2340**, and if you desaturate by 10%, it is **153.7620, 21.5150, -65.0530**.

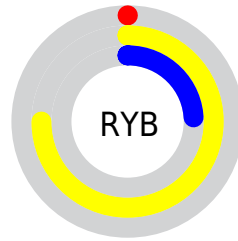
Distribution



Red (50%)

Green (75%)

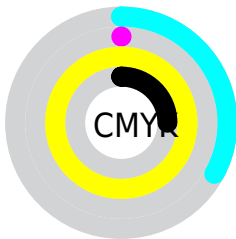
Blue (0%)



Red (0%)

Yellow (75%)

Blue (24%)

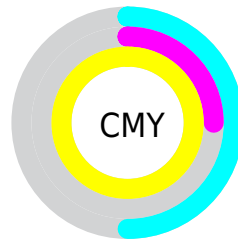


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (50%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.8020, 24.0380, -72.2340 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 149.8020, 24.0380, -72.2340 by changing the saturation by 10% instead.

■ 149.8020, 24.0380,
-72.2340

■ 149.8020, 24.0380,
-72.2340

■ 255.0000, -0.0000,
-0.0000

■ 125.2820, 14.1790,
-64.2610

■ 209.7230, 17.2510,
-64.8690

■ 100.7620, 4.3200,
-56.2880

■ 226.3960, 23.0260,
-53.8860

■ 76.5300, -6.4100,
-49.0500

■ 238.5580, 31.9180,
-38.8180

■ 49.8950, -23.3750,
-44.4550

■ 244.7400, 28.8900,
-27.9900

■ 35.8070, -16.7750,
-31.9030

■ 248.0460, 19.5810,
-18.9710

■ 24.0670, -11.2750,
-21.4430

■ 251.3520, 10.2720,

■ 1.7610, -0.8250,

-9.9520

-1.5690

254.7720, 0.6420,
-0.6220

■ 0.0000, 0.0000,
0.0000

■ 149.8020, 24.0380,
-72.2340

■ 153.7620, 21.5150,
-65.0530

■ 157.7220, 18.9920,
-57.8720

■ 161.9810, 17.0650,
-50.4790

■ 165.9410, 14.5420,
-43.2980

■ 169.9010, 12.0190,
-36.1170

■ 173.8610, 9.4960,
-28.9360

■ 177.8210, 6.9730,
-21.7550

■ 182.0800, 5.0460,
-14.3620

■ 186.0400, 2.5230,
-7.1810

Harmonies

Analogous

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



160.7860, 74.8340, -45.6620



149.8020, 24.0380, -72.2340



128.8170, -85.7700, -75.5780

Triad

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



149.8020, 24.0380, -72.2340



145.2960, -136.3050, -24.2490



148.2100, 71.9720, 61.3160

Complementary

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



149.8020, 24.0380, -72.2340



40.1980, -24.0380, 72.2340

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.



170.6200, 41.9390, 71.4670



149.8020, 24.0380, -72.2340



135.3170, -131.6300, -15.3580

Square

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



149.8020, 24.0380, -72.2340



149.3080, -136.5790, -30.2990



169.1350, -20.8680, 36.7960



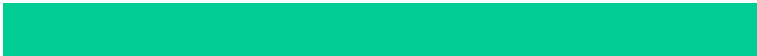
149.1660, 91.3260, 29.9340

Rectangle

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



149.8020, 24.0380, -72.2340



137.0930, -103.5620, -61.4980



169.1350, -20.8680, 36.7960



153.4080, 62.8470, 66.9990

Sweetspot

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



149.8020, 24.0380, -72.2340



231.3880, 9.4500, -28.1020



92.0300, 96.7400, 8.9000



115.3850, 5.5050, -17.1750



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



149.8020, 24.0380, -72.2340



194.6230, 31.0110, -93.9890



121.9950, -31.3900, -91.9500



92.0770, 1.1010, -3.4350



124.4400, 19.7260, -60.1620



24.4760, 3.9910, -11.7610

Inverse Universe

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



40.1980, -24.0380, 72.2340



52.3770, -31.0110, 93.9890



68.0050, 31.3900, 91.9500



86.9230, -1.1010, 3.4350



33.5600, -19.7260, 60.1620



6.5240, -3.9910, 11.7610

Previews

White Background



This preview shows how the YIQ color 149.8020, 24.0380, -72.2340 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 149.8020, 24.0380, -72.2340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

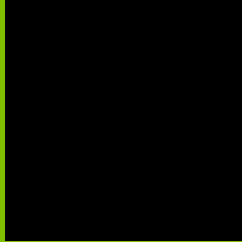
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 149.8020, 24.0380, -72.2340

Background



This preview shows how black text looks on a background with the YIQ color 149.8020, 24.0380, -72.2340.



This preview shows how white text looks on a background with the YIQ color 149.8020, 24.0380, -72.2340.

-72.2340.

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

149.8020, 24.0380, -72.2340

Protanopia

158.9700, 68.3240, -48.8280

Deuteranopia

164.3690, 72.3550, -28.2610



Tritanopia

169.6260, -22.3740, -2.0060

Trichromacy



Original Color

149.8020, 24.0380, -72.2340

Protanomaly

155.9030, 52.0950, -57.5770

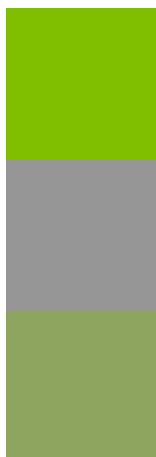
Deuteranomaly

159.1890, 54.7060, -44.3180

Tritanomaly

162.6020, -5.7720, -27.5640

Monochromacy



Original Color

149.8020, 24.0380, -72.2340

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.1430, 8.7620, -26.6460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.8020, 24.0380, -72.2340 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(128, 190, 0)` looks like.

```
.text, #text, p{  
    color:rgb(128, 190, 0)  
}
```

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(128, 190, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 190, 0) }
```

Border

The CSS property to change the border of an element to YIQ 149.8020, 24.0380, -72.2340 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(128, 190, 0) }
```


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

```
.border{ border-color:rgb(128, 190, 0) }
```

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

Here you see how a box with a 4 pixel rgb(128, 190, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 190, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 190, 0);  
box-shadow:4px 4px 4px 4px rgb(128, 190,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 149.8020, 24.0380, -72.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 190, 0) }
```

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

```
.background{ background-color: rgb(128,  
190, 0) }
```

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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