

Converting Colors

YIQ(199.8730, 25.2760,
-72.6440)

Have a look what the booklet for
YIQ(199.8730, 25.2760, -72.6440)
contains.

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Color

**YIQ(199.8730, 25.2760,
-72.6440)**

Conversions

Conversions Part 1

Format	Color
Hex	B3F030
RGB	179, 240, 48
RGB Percent	70%, 94%, 19%
CMY	0.2983, 0.0587, 0.8115
CMYK	0.25, 0.00, 0.80, 0.06
HSL	79°, 87%, 56%
HSV	79°, 80%, 94%
XYZ	50.2771, 72.1246, 14.0747
YIQ	199.8730, 25.2760, -72.6440

Conversions

Conversions Part 2

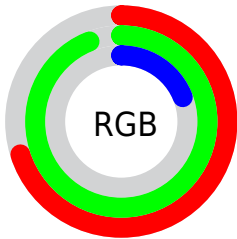
Format	Color
RYB	48, 240, 109
Decimal	11792432
CIELab	88.03, -44.03, 78.23
CIElCh	88, 89.772, 119.369
Yxy	72.1246, 0.3684, 0.5285
Android (android.graphics.Color)	4289982512 (0xFFB3F030)
YUV	199.8730, -74.8734, -18.3056
Hunter-Lab	84.9262, -42.9471, 49.6223

Details

The YIQ color **199.8730, 25.2760, -72.6440** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **88.1270, -25.2760, 72.6440**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **233.8000, 36.6880, -48.1760**, and **143.8880, 20.9200, -70.7920** is the 20% darker color. If you saturate the color by 10%, you get **194.7450, 28.2120, -81.8040**, and if you desaturate by 10%, it is **205.0010, 22.3400, -63.4840**.

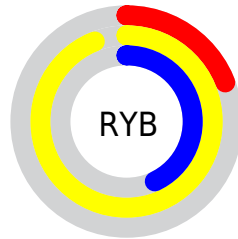
Distribution



Red (70%)

Green (94%)

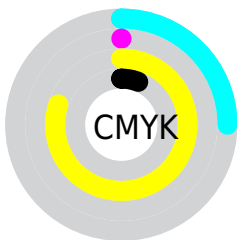
Blue (19%)



Red (19%)

Yellow (94%)

Blue (43%)

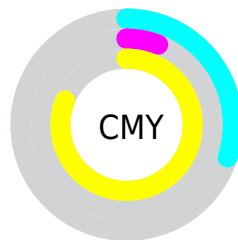


Cyan (25%)

Magenta (0%)

Yellow (80%)

Black (6%)



Cyan (30%)

Magenta (6%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.8730, 25.2760, -72.6440 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 199.8730, 25.2760, -72.6440 by changing the saturation by 10% instead.

199.8730, 25.2760,
-72.6440

199.8730, 25.2760,
-72.6440

255.0000, -0.0000,
-0.0000

169.2940, 31.1000,
-79.0760

233.8000, 36.6880,
-48.1760

143.8880, 20.9200,
-70.7920

241.8900, 36.9150,
-35.7650

119.3680, 11.0610,
-62.8190

245.1960, 27.6060,
-26.7460

94.8480, 1.2020,
-54.8460

248.6160, 17.9760,
-17.4160

69.7080, -12.7830,
-49.1910

251.9220, 8.6670,
-8.3970

46.9600, -22.0000,
-41.8400

32.8720, -15.4000,

-29.2880

■ 20.5450, -9.6250,
-18.3050

■ 0.0000, 0.0000,
0.0000

■ 199.8730, 25.2760,
-72.6440

■ 199.8730, 25.2760,
-72.6440

■ 194.7450, 28.2120,
-81.8040

■ 205.0010, 22.3400,
-63.4840

■ 189.9160, 31.7440,
-90.7520

■ 209.8300, 18.8080,
-54.5360

■ 214.9580, 15.8720,
-45.3760

■ 219.7870, 12.3400,
-36.4280

■ 224.9150, 9.4040,
-27.2680

■ 230.0430, 6.4680,
-18.1080

■ 234.8720, 2.9360,
-9.1600

■ 240.0000, -0.0000,
-0.0000

■ 244.1020, -0.0470,
6.3610

Harmonies

Analogous

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



203.0370, 92.5800, -58.9080



199.8730, 25.2760, -72.6440



163.8040, -111.2590, -92.7230

Triad

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



199.8730, 25.2760, -72.6440



176.4070, -150.8800, -51.9680



180.6670, 42.5840, 54.2640

Complementary

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



199.8730, 25.2760, -72.6440



88.1270, -25.2760, 72.6440

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.



198.6480, 26.4000, 50.2080



199.8730, 25.2760, -72.6440



165.2540, -145.6550, -42.0310

Square

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



199.8730, 25.2760, -72.6440



178.7550, -151.9800, -54.0600



209.8690, -9.0360, 20.5960



178.7220, 65.9730, 21.3410

Rectangle

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



199.8730, 25.2760, -72.6440



170.8890, -129.8310, -75.5190



209.8690, -9.0360, 20.5960



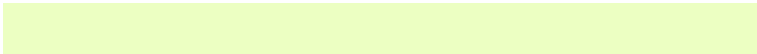
186.9080, 31.9000, 60.6680

Sweetspot

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



199.8730, 25.2760, -72.6440



242.3650, 8.2570, -22.9990



141.2150, 97.6570, 8.8010



120.1940, 4.7250, -14.0510



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.



199.8730, 25.2760, -72.6440



203.7480, 32.1570, -92.7310



171.1690, -31.9400, -92.9960



117.4360, 1.4680, -4.5800



145.3830, 23.9000, -69.7320



44.2340, 7.2480, -21.2320

Inverse Universe

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



88.1270, -25.2760, 72.6440



61.2520, -32.1570, 92.7310



116.8310, 31.9400, 92.9960



110.5640, -1.4680, 4.5800



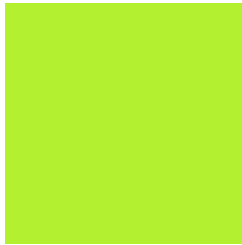
38.3180, -24.4960, 69.5200



11.7660, -7.2480, 21.2320

Previews

White Background



This preview shows how the YIQ color 199.8730, 25.2760, -72.6440 looks on a white background.

Color Contrast Check

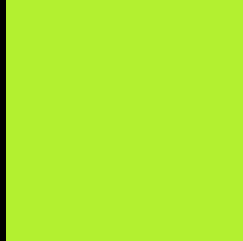
Large Text (above 18pt) WCAG AA × Fail

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 199.8730, 25.2760, -72.6440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

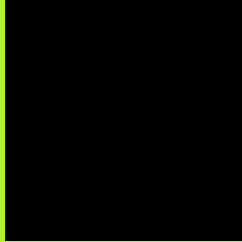
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.8730, 25.2760, -72.6440

Background



This preview shows how black text looks on a background with the YIQ color 199.8730, 25.2760, -72.6440.



This preview shows how white text looks on a background with the YIQ color 199.8730, 25.2760,

-72.6440.

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

199.8730, 25.2760, -72.6440

Protanopia

208.1940, 73.5050, -49.1110

Deuteranopia

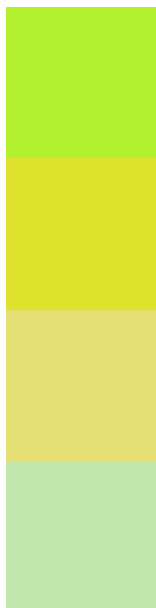
218.6040, 44.6130, -10.0670



Tritanopia

218.7620, -19.7610, 0.1990

Trichromacy



Original Color

199.8730, 25.2760, -72.6440

Protanomaly

205.0560, 56.0380, -57.4500

Deuteranomaly

211.7700, 37.3730, -33.0510

Tritanomaly

211.9120, -3.7090, -26.4050

Monochromacy



Original Color

199.8730, 25.2760, -72.6440

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.1430, 8.7620, -26.6460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.8730, 25.2760, -72.6440 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(179, 240, 48)` looks like.

```
.text, #text, p{  
    color:rgb(179, 240, 48)  
}
```

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(179, 240, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 240, 48) }
```

Border

The CSS property to change the border of an element to YIQ 199.8730, 25.2760, -72.6440 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(179, 240, 48) }
```


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

```
.border{ border-color:rgb(179, 240, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 240, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 240, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 240, 48);  
box-shadow:4px 4px 4px 4px rgb(179, 240,  
48) }
```

Background

The CSS property to change the background color of an element to YIQ 199.8730, 25.2760, -72.6440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 240, 48) }
```

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

```
.background{ background-color: rgb(179,  
240, 48) }
```

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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