

Converting Colors

YIQ(148.9740, 23.5070, 75.1150)

Have a look what the booklet for
YIQ(148.9740, 23.5070, 75.1150)
contains.

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Color

**YIQ(148.9740, 23.5070,
75.1150)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DA5EFB |
| RGB | 218, 94, 251 |
| RGB Percent | 85%, 37%, 98% |
| CMY | 0.1447, 0.6316, 0.0157 |
| CMYK | 0.13, 0.63, 0.00, 0.02 |
| HSL | 287°, 95%, 68% |
| HSV | 287°, 63%, 98% |
| XYZ | 50.3530, 29.8817, 94.3747 |
| YIQ | 148.9740, 23.5070, 75.1150 |

Conversions

Conversions Part 2

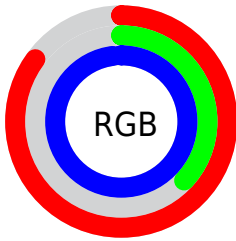
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 218, 94, 251 |
| Decimal | 14311163 |
| CIE _{Lab} | 61.55, 70.30, -56.98 |
| CIE _{LCh} | 62, 90.491, 320.974 |
| Yxy | 29.8817, 0.2884, 0.1711 |
| Android (android.graphics.Color) | 4292501243 (0xFFDA5EFB) |
| YUV | 148.9740, 50.2988, 60.5358 |
| Hunter-Lab | 54.6641, 68.7601, -64.0961 |

Details

The YIQ color $148.9740, 23.5070, 75.1150$ is a light color, and the websafe version is hex $CC66FF$. The color can be described as light muted magenta. A complement of this color would be $196.0260, -23.5070, -75.1150$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $193.9520, 28.6000, 54.3920$, and $87.2670, 24.2400, 78.3520$ is the 20% darker color. If you saturate the color by 10%, you get $132.8040, 27.4020, 87.1300$, and if you desaturate by 10%, it is $165.1440, 19.6120, 63.1000$.

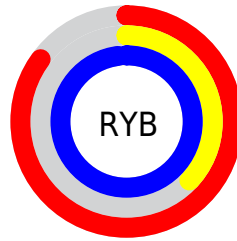
Distribution



Red (85%)

Green (37%)

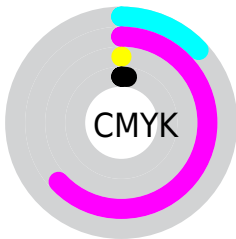
Blue (98%)



Red (85%)

Yellow (37%)

Blue (98%)

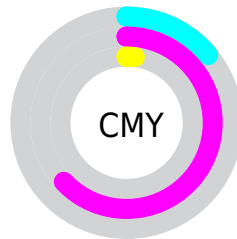


Cyan (13%)

Magenta (63%)

Yellow (0%)

Black (2%)



Cyan (14%)

Magenta (63%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.9740, 23.5070, 75.1150 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 148.9740, 23.5070, 75.1150 by changing the saturation by 10% instead.

148.9740, 23.5070,
75.1150

148.9740, 23.5070,
75.1150

255.0000, -0.0000,
-0.0000

119.3870, 23.7820,
75.6380

193.9520, 28.6000,
54.3920

87.2670, 24.2400,
78.3520

210.9750, 20.6250,
39.2250

58.0930, 24.7900,
79.3980

227.9980, 12.6500,
24.0580

46.3440, 16.1730,
64.8530

245.0210, 4.6750,
8.8910

35.0080, 7.8310,
50.8310

24.0850, -0.2360,
37.3320

10.7700, -13.0710,

22.1370

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,
5.0750

■ 148.9740, 23.5070,
75.1150

■ 148.9740, 23.5070,
75.1150

■ 132.8040, 27.4020,
87.1300

■ 165.1440, 19.6120,
63.1000

■ 116.6340, 31.2970,
99.1450

■ 181.6130, 16.3130,
51.2970

■ 100.1650, 34.5960,
110.9480

■ 197.7830, 12.4180,
39.2820

■ 87.8160, 37.4370,
120.0370

■ 213.9530, 8.5230,
27.2670

230.1230, 4.6280,
15.2520

247.1790, 1.0540,
2.9260

254.5440, 1.2840,
-1.2440

Harmonies

Analogous

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



128.9130, -82.2570, 20.4870



148.9740, 23.5070, 75.1150



118.0280, 85.3090, 89.4450

Triad

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



148.9740, 23.5070, 75.1150



140.2190, 81.5250, -29.2510



130.6770, -115.8090, -32.2650

Complementary

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



148.9740, 23.5070, 75.1150



196.0260, -23.5070, -75.1150

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.



120.0410, -88.6160, -57.0320



148.9740, 23.5070, 75.1150



132.4800, 31.4170, -57.2790

Square

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



148.9740, 23.5070, 75.1150



133.6400, 124.0210, 4.5730



105.9170, -57.1130, -82.8170



134.1430, -131.0800, -14.3120

Rectangle

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



148.9740, 23.5070, 75.1150



106.7030, 104.7970, 77.6690



105.9170, -57.1130, -82.8170



127.5990, -107.1420, -40.6620

Sweetspot

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



148.9740, 23.5070, 75.1150



223.8340, 7.2400, 22.9840



131.8560, -59.7470, 31.0450



108.2970, 4.0780, 14.2060



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.



148.9740, 23.5070, 75.1150



130.9230, 28.6850, 91.4130



153.7110, 57.6200, 68.1160



116.4720, 1.7870, 6.1630



66.0970, 28.1350, 90.3670



21.3060, 9.0270, 29.1470

Inverse Universe

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



144.7050, 82.9790, 43.5470



125.6690, 100.9960, 52.9320



191.1750, -57.2990, -68.4270



116.2290, 6.7850, 3.6890



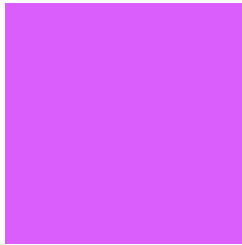
61.0710, 99.8040, 52.5080



19.7210, 32.1830, 16.9750

Previews

White Background



This preview shows how the YIQ color 148.9740, 23.5070, 75.1150 looks on a white background.

Color Contrast Check

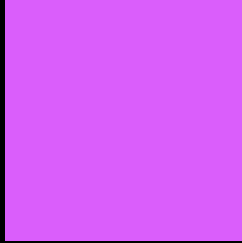
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.9740, 23.5070, 75.1150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

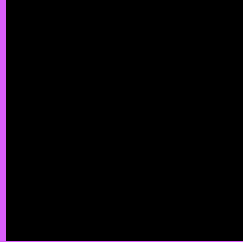
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.9740, 23.5070, 75.1150

Background



This preview shows how black text looks on a background with the YIQ color 148.9740, 23.5070, 75.1150.



This preview shows how white text looks on a background with the YIQ color 148.9740, 23.5070,

75.1150.

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

148.9740, 23.5070, 75.1150

Protanopia

143.7860, -62.7260, 24.4580

Deuteranopia

142.7440, -62.9080, 16.7400



Tritanopia

150.5650, 41.4900, 19.0100

Trichromacy



Original Color

148.9740, 23.5070, 75.1150



Protanomaly

145.3760, -31.5520, 43.2000



Deuteranomaly

144.9150, -31.8720, 37.9840



Tritanomaly

149.9890, 35.2050, 39.3090

Monochromacy



Original Color

148.9740, 23.5070, 75.1150



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

148.9530, 8.5230, 27.2670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.9740, 23.5070, 75.1150 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(218, 94, 251)` looks like.

```
.text, #text, p{  
    color:rgb(218, 94, 251)  
}
```

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(218, 94, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 94, 251) }
```

Border

The CSS property to change the border of an element to YIQ 148.9740, 23.5070, 75.1150 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(218, 94, 251) }
```


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

```
.border{ border-color:rgb(218, 94, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 94, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 94, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 94, 251);  
box-shadow:4px 4px 4px 4px rgb(218, 94,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 148.9740, 23.5070, 75.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 94, 251) }
```

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

```
.background{ background-color: rgb(218, 94,  
251) }
```

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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