

Converting Colors

YIQ(134.0950, 30.4760, 75.4680)

Have a look what the booklet for
YIQ(134.0950, 30.4760, 75.4680)
contains.

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Color

**YIQ(134.0950, 30.4760,
75.4680)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D24DE5 |
| RGB | 210, 77, 229 |
| RGB Percent | 82%, 30%, 90% |
| CMY | 0.1761, 0.6982, 0.1020 |
| CMYK | 0.08, 0.66, 0.00, 0.10 |
| HSL | 293°, 75%, 60% |
| HSV | 293°, 66%, 90% |
| XYZ | 43.4012, 24.6742, 76.6044 |
| YIQ | 134.0950, 30.4760, 75.4680 |

Conversions

Conversions Part 2

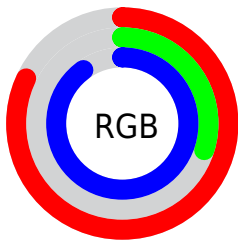
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 210, 77, 229 |
| Decimal | 13782501 |
| CIE Lab | 56.76, 71.42, -52.44 |
| CIE LCh | 57, 88.604, 323.713 |
| Yxy | 24.6742, 0.3000, 0.1705 |
| Android (android.graphics.Color) | 4291972581 (0xFFD24DE5) |
| YUV | 134.0950, 46.7882, 66.5687 |
| Hunter-Lab | 49.6731, 69.0337, -56.6641 |

Details

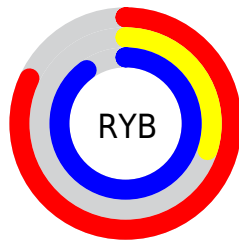
The YIQ color $134.0950, 30.4760, 75.4680$ is a light color, and the websafe version is hex $CC33CC$. The color can be described as light muted magenta. A complement of this color would be $171.9050, -30.4760, -75.4680$, and the grayscale version is $134.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $184.5600, 33.0000, 62.7600$, and $65.1700, 35.0590, 86.0270$ is the 20% darker color. If you saturate the color by 10%, you get $119.6970, 35.0130, 86.8610$, and if you desaturate by 10%, it is $148.4930, 25.9390, 64.0750$.

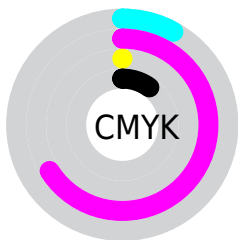
Distribution



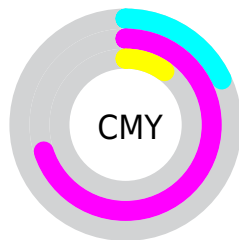
- Red (82%)
- Green (30%)
- Blue (90%)



- Red (82%)
- Yellow (30%)
- Blue (90%)



- Cyan (8%)
- Magenta (66%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (70%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.0950, 30.4760, 75.4680 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 134.0950, 30.4760, 75.4680 by changing the saturation by 10% instead.

134.0950, 30.4760,
75.4680

134.0950, 30.4760,
75.4680

255.0000, -0.0000,
-0.0000

103.4480, 30.9800,
77.3480

184.5600, 33.0000,
62.7600

65.1700, 35.0590,
86.0270

201.5830, 25.0250,
47.5930

53.4210, 26.4420,
71.4820

218.6060, 17.0500,
32.4260

41.9710, 18.4210,
57.1490

235.6290, 9.0750,
17.2590

30.7490, 9.7580,
43.4380

253.2390, 0.8250,
1.5690

20.1250, 2.2870,
30.1510

5.2440, -14.7660,

14.3060

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 134.0950, 30.4760,
75.4680

■ 134.0950, 30.4760,
75.4680

■ 119.6970, 35.0130,
86.8610

■ 148.4930, 25.9390,
64.0750

■ 105.2990, 39.5500,
98.2540

■ 162.8910, 21.4020,
52.6820

■ 91.2000, 44.6830,
109.8590

■ 177.2890, 16.8650,
41.2890

■ 86.2050, 46.2870,
113.8310

■ 191.3880, 11.7320,
29.6840

205.1990, 7.4700,
18.8140

219.5970, 2.9330,
7.4210

233.9950, -1.6040,
-3.9720

245.4580, -4.7660,
-12.7500

246.3550, -2.9780,
-12.1140

Harmonies

Analogous

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



123.9950, -70.3840, 31.0880



134.0950, 30.4760, 75.4680



94.0290, 101.9040, 102.5760

Triad

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



134.0950, 30.4760, 75.4680



128.6570, 71.4840, -28.9960



121.0740, -109.4370, -26.5970

Complementary

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



134.0950, 30.4760, 75.4680



171.9050, -30.4760, -75.4680

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.



111.3670, -83.4820, -50.9540



134.0950, 30.4760, 75.4680



119.7440, 21.9260, -55.9780

Square

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



134.0950, 30.4760, 75.4680



122.4970, 114.1180, 2.3260



98.2860, -53.5380, -76.0180



125.9250, -127.2300, -6.9900

Rectangle

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



134.0950, 30.4760, 75.4680



88.2150, 118.2750, 86.7150



98.2860, -53.5380, -76.0180



118.1100, -101.0910, -34.6830

Sweetspot

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



134.0950, 30.4760, 75.4680



223.2690, 10.4490, 25.4010



106.0680, -54.2920, 36.8120



108.6070, 6.1410, 15.3650



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.



134.0950, 30.4760, 75.4680



127.7770, 41.2000, 101.3920



133.3920, 59.7760, 62.0800



107.3580, 2.1080, 5.8520



67.0500, 35.5170, 88.7410



19.2690, 10.4490, 25.4010

Inverse Universe

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



124.6140, 84.4930, 38.1330



114.8460, 113.5590, 51.0230



172.6080, -59.7760, -62.0800



106.8160, 6.5100, 3.1660



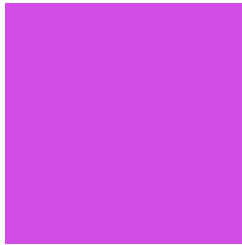
56.0290, 99.6220, 44.7900



15.9330, 28.4700, 12.6780

Previews

White Background



This preview shows how the YIQ color 134.0950, 30.4760, 75.4680 looks on a white background.

Color Contrast Check

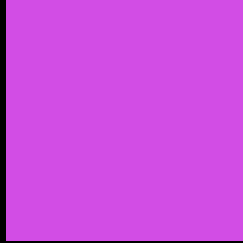
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.0950, 30.4760, 75.4680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

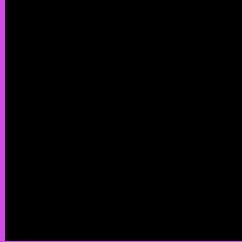
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.0950, 30.4760, 75.4680

Background



This preview shows how black text looks on a background with the YIQ color 134.0950, 30.4760, 75.4680.



This preview shows how white text looks on a background with the YIQ color 134.0950, 30.4760,

75.4680.

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

134.0950, 30.4760, 75.4680

Protanopia

128.0710, -76.7100, 24.5860

Deuteranopia

131.6970, -55.5260, 15.1140



Tritanopia

137.3270, 48.0920, 20.5080

Trichromacy



Original Color

134.0950, 30.4760, 75.4680



Protanomaly

130.5540, -37.9250, 43.0590



Deuteranomaly

132.3950, -24.5360, 37.1920



Tritanomaly

136.3380, 41.5320, 40.2840

Monochromacy



Original Color

134.0950, 30.4760, 75.4680



Achromatopsia

134.0000, -0.0000, -0.0000



Achromatomaly

134.0350, 11.2280, 27.8040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.0950, 30.4760, 75.4680 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(210, 77, 229)` looks like.

```
.text, #text, p{  
    color:rgb(210, 77, 229)  
}
```

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(210, 77, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 77, 229) }
```

Border

The CSS property to change the border of an element to YIQ 134.0950, 30.4760, 75.4680 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(210, 77, 229) }
```


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

```
.border{ border-color:rgb(210, 77, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 77, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 77, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 77, 229);  
box-shadow:4px 4px 4px 4px rgb(210, 77,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 134.0950, 30.4760, 75.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 77, 229) }
```

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

```
.background{ background-color: rgb(210, 77,  
229) }
```

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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