

Converting Colors

YIQ(134.9270, 48.0840, 64.7240)

Have a look what the booklet for
YIQ(134.9270, 48.0840, 64.7240)
contains.

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Color

**YIQ(134.9270, 48.0840,
64.7240)**

Conversions

Conversions Part 1

Format	Color
Hex	DD50C0
RGB	221, 80, 192
RGB Percent	87%, 31%, 75%
CMY	0.1329, 0.6865, 0.2470
CMYK	0.00, 0.64, 0.13, 0.13
HSL	312°, 68%, 59%
HSV	312°, 64%, 87%
XYZ	42.2320, 24.9240, 52.4695
YIQ	134.9270, 48.0840, 64.7240

Conversions

Conversions Part 2

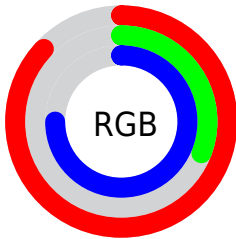
Format	Color
R _{YB}	221, 80, 192
Decimal	14504128
CIE Lab	57.00, 66.88, -30.94
CIE LCh	57, 73.685, 335.176
Yxy	24.9240, 0.3530, 0.2084
Android (android.graphics.Color)	4292694208 (0xFFDD50C0)
YUV	134.9270, 28.1370, 75.4860
Hunter-Lab	49.9240, 63.6309, -27.3664

Details

The YIQ color $134.9270, 48.0840, 64.7240$ is a light color, and the websafe version is hex $FF66CC$. The color can be described as light muted magenta. A complement of this color would be $166.0730, -48.0840, -64.7240$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $185.6370, 34.1010, 59.3250$, and $64.1700, 52.2540, 77.2620$ is the 20% darker color. If you saturate the color by 10%, you get $121.4430, 55.7390, 74.6750$, and if you desaturate by 10%, it is $148.4110, 40.4290, 54.7730$.

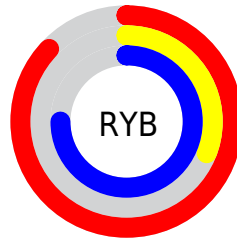
Distribution



Red (87%)

Green (31%)

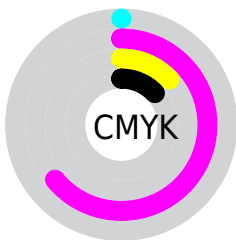
Blue (75%)



Red (87%)

Yellow (31%)

Blue (75%)

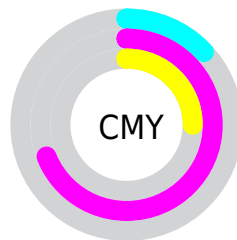


Cyan (0%)

Magenta (64%)

Yellow (13%)

Black (13%)



Cyan (13%)


Magenta (69%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 134.9270, 48.0840, 64.7240 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 134.9270, 48.0840, 64.7240 by changing the saturation by 10% instead.


 134.9270, 48.0840,
64.7240


 134.9270, 48.0840,
64.7240


255.0000, -0.0000,
-0.0000

 104.9810, 47.9920,
66.3920


 185.6370, 34.1010,
59.3250

 64.4690, 52.8500,
77.4740


 202.7570, 24.4750,
46.5470

 52.8340, 43.9120,
63.2400


 219.7800, 16.5000,
31.3800

 41.7260, 34.9280,
49.8400

 237.3900, 8.2500,
15.6900

 30.6180, 25.9440,
36.4400

254.4130, 0.2750,
0.5230

 20.5210, 18.4270,
23.9870

 7.2490, 4.0330,

9.5130

■ 0.0000, 0.0000,
0.0000

■ 134.9270, 48.0840,
64.7240

■ 134.9270, 48.0840,
64.7240

■ 121.4430, 55.7390,
74.6750

■ 148.4110, 40.4290,
54.7730

■ 108.0730, 63.0730,
84.9370

■ 161.7810, 33.0950,
44.5110

■ 94.5890, 70.7280,
94.8880

■ 175.2650, 25.4400,
34.5600

■ 86.1430, 75.2200,
101.5880

■ 188.6350, 18.1060,
24.2980

■ 202.7060, 10.1760,
13.8240

■ 216.0760, 2.8420,
3.5620

■ 229.5600, -4.8130,
-6.3890

■ 241.7560,
-11.5970, -15.6050

■ 242.3260,
-13.2020, -14.0500

Harmonies

Analogous

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



139.1710, -20.5490, 47.5390



134.9270, 48.0840, 64.7240



124.5510, 89.9450, 60.4810

Triad

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



134.9270, 48.0840, 64.7240



127.3510, 54.4300, -39.3140



120.2080, -112.5100, -20.4620

Complementary

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



134.9270, 48.0840, 64.7240



166.0730, -48.0840, -64.7240

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.



113.6130, -92.5620, -40.5780



134.9270, 48.0840, 64.7240



115.8240, 9.7770, -61.5750

Square

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



134.9270, 48.0840, 64.7240



127.9250, 91.7010, -15.4270



104.1000, -69.9090, -60.1570



121.7020, -124.9840, -3.6400

Rectangle

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



134.9270, 48.0840, 64.7240



125.3340, 100.0810, 41.9770



104.1000, -69.9090, -60.1570



118.5150, -106.3650, -27.2050

Sweetspot

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



134.9270, 48.0840, 64.7240



225.6840, 16.4100, 21.9940



104.4460, -28.5730, 49.7870



109.5920, 10.4970, 13.5130



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.



134.9270, 48.0840, 64.7240



135.3880, 66.7400, 90.0680



126.9470, 70.5540, 42.9540



103.2010, 3.9880, 4.8200



67.4590, 58.8100, 79.5940



17.8580, 15.8600, 20.9480

Inverse Universe

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



134.9270, 48.0840, 64.7240



135.3880, 66.7400, 90.0680



174.0530, -70.5540, -42.9540



103.2010, 3.9880, 4.8200



67.4590, 58.8100, 79.5940



17.8580, 15.8600, 20.9480

Previews

White Background



This preview shows how the YIQ color 134.9270, 48.0840, 64.7240 looks on a white background.

Color Contrast Check

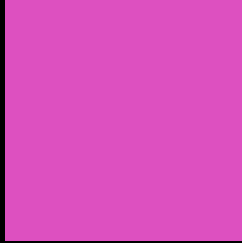
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.9270, 48.0840, 64.7240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

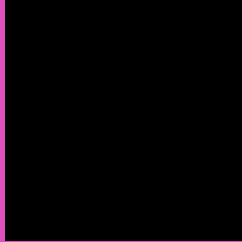
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.9270, 48.0840, 64.7240

Background



This preview shows how black text looks on a background with the YIQ color 134.9270, 48.0840, 64.7240.



This preview shows how white text looks on a background with the YIQ color 134.9270, 48.0840,

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

134.9270, 48.0840, 64.7240

Protanopia

133.1840, -58.0950, 23.1290

Deuteranopia

137.4820, -21.3680, 12.8080



Tritanopia

136.6880, 63.3130, 25.4970

Trichromacy



Original Color

134.9270, 48.0840, 64.7240

Protanomaly

133.6730, -19.4470, 38.5770

Deuteranomaly

136.5490, 4.0290, 31.6210

Tritanomaly

136.3090, 57.6710, 39.6470

Monochromacy



Original Color

134.9270, 48.0840, 64.7240

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.9230, 17.2350, 23.5630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.9270, 48.0840, 64.7240 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(221, 80, 192)` looks like.

```
.text, #text, p{  
    color:rgb(221, 80, 192)  
}
```

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(221, 80, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 80, 192) }
```

Border

The CSS property to change the border of an element to YIQ 134.9270, 48.0840, 64.7240 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(221, 80, 192) }
```


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

```
.border{ border-color:rgb(221, 80, 192) }
```

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

Here you see how a box with a 4 pixel rgb(221, 80, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 80, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 80, 192);  
box-shadow:4px 4px 4px 4px rgb(221, 80,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 134.9270, 48.0840, 64.7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 80, 192) }
```

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

```
.background{ background-color: rgb(221, 80,  
192) }
```

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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