

# Converting Colors

YIQ(132.6920, 24.2410, 72.8250)

Have a look what the booklet for  
YIQ(132.6920, 24.2410, 72.8250)  
contains.

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# Color

**YIQ(132.6920, 24.2410,  
72.8250)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C94FE6
RGB	201, 79, 230
RGB Percent	79%, 31%, 90%
CMY	0.2114, 0.6904, 0.0981
CMYK	0.13, 0.66, 0.00, 0.10
HSL	289°, 75%, 61%
HSV	289°, 66%, 90%
XYZ	41.1882, 23.7286, 77.2682
YIQ	132.6920, 24.2410, 72.8250

# Conversions

## Conversions Part 2

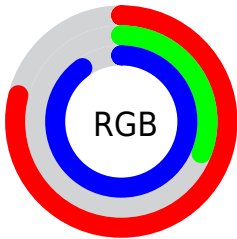
Format	Color
R <sub>Y</sub> B	201, 79, 230
Decimal	13193190
CIE Lab	55.82, 68.82, -54.57
CIE LCh	56, 87.833, 321.586
Yxy	23.7286, 0.2897, 0.1669
Android (android.graphics.Color)	4291383270 (0xFFC94FE6)
YUV	132.6920, 47.9728, 59.9061
Hunter-Lab	48.7120, 65.6840, -59.9489

# Details

The YIQ color **132.6920, 24.2410, 72.8250** 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 **176.3080, -24.2410, -72.8250**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.1470, 32.7250, 62.2370**, and **63.1800, 29.0990, 83.9070** is the 20% darker color. If you saturate the color by 10%, you get **117.9950, 28.1820, 84.0060**, and if you desaturate by 10%, it is **147.6880, 20.8960, 61.8560**.

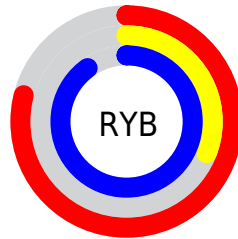
# Distribution



Red (79%)

Green (31%)

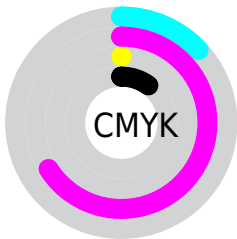
Blue (90%)



Red (79%)

Yellow (31%)

Blue (90%)

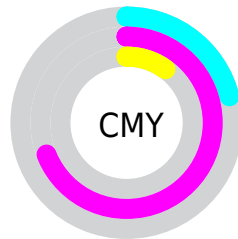


Cyan (13%)

Magenta (66%)

Yellow (0%)

Black (10%)



Cyan (21%)

Magenta (69%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 132.6920, 24.2410, 72.8250 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 132.6920, 24.2410, 72.8250 by changing the saturation by 10% instead.



132.6920, 24.2410,  
72.8250

132.6920, 24.2410,  
72.8250

255.0000, -0.0000,  
-0.0000

102.5180, 24.7910,  
73.8710

185.1470, 32.7250,  
62.2370

63.1800, 29.0990,  
83.9070

201.5830, 25.0250,  
47.5930

51.0290, 21.6740,  
69.7860

218.6060, 17.0500,  
32.4260

39.6930, 13.3320,  
55.7640

235.6290, 9.0750,  
17.2590

28.4710, 4.6690,  
42.0530

253.2390, 0.8250,  
1.5690

17.2490, -3.9940,  
28.3420

5.2440, -14.7660,

14.3060

■ 3.4370, -8.3000,  
7.2520

■ 0.0000, 0.0000,  
0.0000

■ 132.6920, 24.2410,  
72.8250

■ 132.6920, 24.2410,  
72.8250

■ 117.9950, 28.1820,  
84.0060

■ 147.6880, 20.8960,  
61.8560

■ 102.9990, 31.5270,  
94.9750

■ 162.3850, 16.9550,  
50.6750

■ 88.3020, 35.4680,  
106.1560

■ 177.0820, 13.0140,  
39.4940

■ 81.8340, 37.0260,  
110.9620

■ 192.0780, 9.6690,  
28.5250

206.7750, 5.7280,  
17.3440

221.4720, 1.7870,  
6.1630

236.4680, -1.5580,  
-4.8060

246.4690, -3.2990,  
-11.8030

247.9640, -0.3190,  
-10.7430

# Harmonies

## Analogous

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



115.9220, -86.4760, 25.3640



132.6920, 24.2410, 72.8250



95.5450, 100.3910, 102.4630

# Triad

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



132.6920, 24.2410, 72.8250



126.0210, 73.4550, -26.1690



118.8740, -105.9980, -28.3500

# Complementary

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



132.6920, 24.2410, 72.8250



176.3080, -24.2410, -72.8250

# 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.



108.6940, -80.0890, -51.8730



132.6920, 24.2410, 72.8250



118.5920, 25.4100, -53.0380

# Square

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



132.6920, 24.2410, 72.8250



119.5620, 115.4930, 4.9410



94.5700, -48.5860, -77.6580



124.0500, -126.0840, -5.7320



# Rectangle

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



132.6920, 24.2410, 72.8250



88.5570, 117.3120, 87.6480



94.5700, -48.5860, -77.6580



115.9100, -97.6520, -36.4360

# Sweetspot

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



132.6920, 24.2410, 72.8250



222.0730, 8.0650, 24.5530



113.8240, -56.7210, 31.2710



108.0090, 4.9490, 14.9410



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.



132.6920, 24.2410, 72.8250



125.3520, 32.0310, 96.8550



136.2330, 55.9700, 64.9780



107.3580, 2.1080, 5.8520



63.4620, 28.3650, 86.1970



18.0730, 8.0650, 24.5530



# Inverse Universe

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



127.4550, 80.6870, 41.0310



118.4310, 107.5980, 54.4300



172.7670, -55.9700, -64.9780



106.8160, 6.5100, 3.1660



57.3970, 95.7700, 48.5220

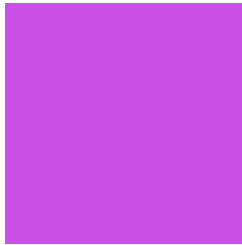


16.3890, 27.1860, 13.9220



# Previews

## White Background



This preview shows how the YIQ color 132.6920, 24.2410, 72.8250 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

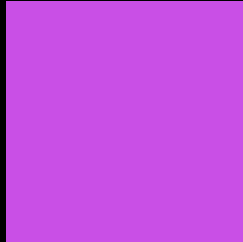
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 132.6920, 24.2410, 72.8250 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

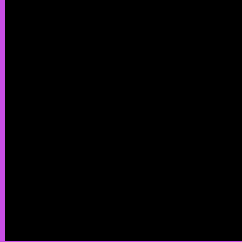
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 132.6920, 24.2410, 72.8250

## Background



This preview shows how black text looks on a background with the YIQ color 132.6920, 24.2410, 72.8250.



This preview shows how white text looks on a background with the YIQ color 132.6920, 24.2410,



# 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

132.6920, 24.2410, 72.8250

### Protanopia

124.2170, -80.0570, 24.6710

### Deuteranopia

127.9460, -60.6610, 14.5630



## Tritanopia

135.7390, 40.9400, 17.9640

# Trichromacy



## Original Color

132.6920, 24.2410, 72.8250



## Protanomaly

126.9880, -42.1430, 42.4090



## Deuteranomaly

129.8180, -30.2210, 35.5950



## Tritanomaly

134.7500, 34.3800, 37.7400

# Monochromacy



## Original Color

132.6920, 24.2410, 72.8250



## Achromatopsia

133.0000, 0.0000, 0.0000



## Achromatomaly

132.7250, 9.1650, 26.6450

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 132.6920, 24.2410, 72.8250 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(201, 79, 230)` looks like.

```
.text, #text, p{  
    color:rgb(201, 79, 230)  
}
```

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(201, 79, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 79, 230) }
```

## Border

The CSS property to change the border of an element to YIQ 132.6920, 24.2410, 72.8250 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(201, 79, 230) }
```



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

```
.border{ border-color:rgb(201, 79, 230) }
```

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

Here you see how a box with a 4 pixel rgb(201, 79, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 79, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 79, 230);  
box-shadow:4px 4px 4px 4px rgb(201, 79,  
230) }
```

# Background

The CSS property to change the background color of an element to YIQ 132.6920, 24.2410, 72.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 79, 230) }
```

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

```
.background{ background-color: rgb(201, 79,  
230) }
```

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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