

Converting Colors

YIQ(171.5250, 21.7720, 34.9560)

Have a look what the booklet for
YIQ(171.5250, 21.7720, 34.9560)
contains.

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Color

**YIQ(171.5250, 21.7720,
34.9560)**

Conversions

Conversions Part 1

Format	Color
Hex	D68FCF
RGB	214, 143, 207
RGB Percent	84%, 56%, 81%
CMY	0.1606, 0.4393, 0.1882
CMYK	0.00, 0.33, 0.03, 0.16
HSL	306°, 46%, 70%
HSV	306°, 33%, 84%
XYZ	48.8287, 38.4456, 63.8847
YIQ	171.5250, 21.7720, 34.9560

Conversions

Conversions Part 2

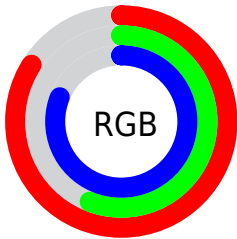
Format	Color
R _Y B	214, 143, 207
Decimal	14061519
CIE Lab	68.35, 36.88, -22.01
CIE LCh	68, 42.949, 329.177
Yxy	38.4456, 0.3230, 0.2543
Android (android.graphics.Color)	4292251599 (0xFFD68FCF)
YUV	171.5250, 17.4892, 37.2506
Hunter-Lab	62.0045, 32.0613, -17.6847

Details

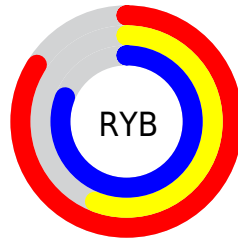
The YIQ color **171.5250, 21.7720, 34.9560** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **185.4750, -21.7720, -34.9560**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.5410, 15.6750, 29.8110**, and **118.1010, 20.0300, 33.4860** is the 20% darker color. If you saturate the color by 10%, you get **158.9700, 28.1890, 45.3170**, and if you desaturate by 10%, it is **184.0800, 15.3550, 24.5950**.

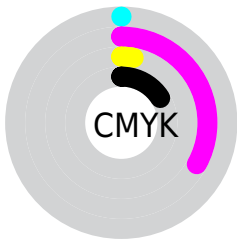
Distribution



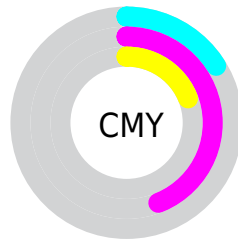
- Red (84%)
- Green (56%)
- Blue (81%)



- Red (84%)
- Yellow (56%)
- Blue (81%)



- Cyan (0%)
- Magenta (33%)
- Yellow (3%)
- Black (16%)



- Cyan (16%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.5250, 21.7720, 34.9560 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 171.5250, 21.7720, 34.9560 by changing the saturation by 10% instead.

■ 171.5250, 21.7720,
34.9560

■ 171.5250, 21.7720,
34.9560

255.0000, -0.0000,
-0.0000

■ 144.6990, 21.2220,
33.9100

■ 221.5410, 15.6750,
29.8110

■ 118.1010, 20.0300,
33.4860

■ 237.9770, 7.9750,
15.1670

■ 92.2750, 19.4800,
32.4400

■ 67.5630, 18.6090,
31.7050

■ 42.0900, 18.5630,
32.5390

■ 22.6010, 15.4460,
28.4540

■ 14.2270, 10.2670,

17.6830

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 171.5250, 21.7720,
34.9560

■ 171.5250, 21.7720,
34.9560

■ 158.9700, 28.1890,
45.3170

■ 184.0800, 15.3550,
24.5950

■ 145.8280, 34.8810,
56.2010

■ 197.2220, 8.6630,
13.7110

■ 133.2730, 41.2980,
66.5620

■ 209.7770, 2.2460,
3.3500

■ 120.1310, 47.9900,
77.4460

■ 222.9190, -4.4460,
-7.5340

107.4620, 54.7280,
87.4960

235.5880,
-11.1840, -17.5840

94.9070, 61.1450,
97.8570

238.7510,
-13.2010, -19.5770

85.9880, 65.5910,
105.3910

238.9790,
-13.8430, -18.9550

239.2070,
-14.4850, -18.3330

239.4350,
-15.1270, -17.7110

Harmonies

Analogous

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



169.3660, -17.5650, 26.4910



171.5250, 21.7720, 34.9560



169.6730, 50.4740, 32.4100

Triad

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



171.5250, 21.7720, 34.9560



163.7080, 41.0840, -17.7000



132.3240, -116.3130, -34.1450

Complementary

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



171.5250, 21.7720, 34.9560



185.4750, -21.7720, -34.9560

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.



138.3320, -84.4010, -39.8010



171.5250, 21.7720, 34.9560



159.8180, 11.0550, -29.6570

Square

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



171.5250, 21.7720, 34.9560



166.2410, 59.2370, 0.2370



153.0660, -27.8700, -34.5740



132.6950, -124.2470, -22.5110

Rectangle

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



171.5250, 21.7720, 34.9560



168.1930, 60.3330, 24.4370



153.0660, -27.8700, -34.5740



131.5430, -112.7360, -38.4000

Sweetspot

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



171.5250, 21.7720, 34.9560



239.9830, 7.8380, 12.1420



152.8880, -19.2150, 23.3530



118.3800, 5.0420, 7.7460



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.



171.5250, 21.7720, 34.9560



193.9860, 31.2600, 50.2360



167.6490, 32.6860, 24.3820



100.4290, 3.3460, 5.4420



68.6850, 52.4820, 84.1460



17.3030, 13.1090, 21.2450

Inverse Universe

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



171.5250, 21.7720, 34.9560



193.9860, 31.2600, 50.2360



189.3510, -32.6860, -24.3820



100.4290, 3.3460, 5.4420



68.6850, 52.4820, 84.1460



17.3030, 13.1090, 21.2450

Previews

White Background



This preview shows how the YIQ color 171.5250, 21.7720, 34.9560 looks on a white background.

Color Contrast Check

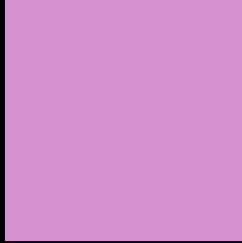
Large Text (above 18pt) WCAG AA × Fail

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 171.5250, 21.7720, 34.9560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

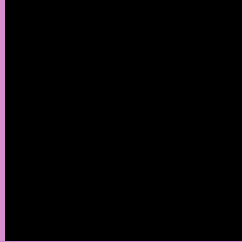
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.5250, 21.7720, 34.9560

Background



This preview shows how black text looks on a background with the YIQ color 171.5250, 21.7720, 34.9560.



This preview shows how white text looks on a background with the YIQ color 171.5250, 21.7720,

34.9560.

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

171.5250, 21.7720, 34.9560

Protanopia

167.4260, -26.9620, 15.0700

Deuteranopia

168.1580, -11.6480, 12.8640



Tritanopia

169.9980, 29.8450, 15.2930

Trichromacy



Original Color

171.5250, 21.7720, 34.9560



Protanomaly

168.9230, -9.1280, 22.2640



Deuteranomaly

169.5450, 0.6840, 20.6520



Tritanomaly

170.6590, 26.7260, 22.2620

Monochromacy



Original Color

171.5250, 21.7720, 34.9560



Achromatopsia

172.0000, -0.0000, -0.0000



Achromatomaly

171.5100, 7.7920, 12.9760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.5250, 21.7720, 34.9560 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(214, 143, 207)` looks like.

```
.text, #text, p{  
    color:rgb(214, 143, 207)  
}
```

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(214, 143, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 143, 207) }
```

Border

The CSS property to change the border of an element to YIQ 171.5250, 21.7720, 34.9560 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(214, 143, 207) }
```


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

```
.border{ border-color:rgb(214, 143, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 143, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 143, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 143, 207);  
box-shadow:4px 4px 4px 4px rgb(214, 143,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 171.5250, 21.7720, 34.9560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 143, 207) }
```

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

```
.background{ background-color: rgb(214,  
143, 207) }
```

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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