

Converting Colors

YIQ(201.6960, 42.4990, 17.2430)

Have a look what the booklet for
YIQ(201.6960, 42.4990, 17.2430)
contains.

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Color

**YIQ(201.6960, 42.4990,
17.2430)**

Conversions

Conversions Part 1

Format	Color
Hex	FDB3B8
RGB	253, 179, 184
RGB Percent	99%, 70%, 72%
CMY	0.0077, 0.2981, 0.2783
CMYK	0.00, 0.29, 0.27, 0.01
HSL	356°, 95%, 85%
HSV	356°, 29%, 99%
XYZ	65.2947, 56.5814, 52.8504
YIQ	201.6960, 42.4990, 17.2430

Conversions

Conversions Part 2

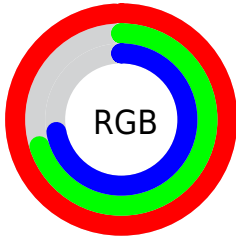
Format	Color
R _Y B	253, 179, 184
Decimal	16626616
CIE Lab	79.94, 27.63, 8.24
CIE LCh	80, 28.834, 16.609
Yxy	56.5814, 0.3737, 0.3238
Android (android.graphics.Color)	4294816696 (0xFFFDDB3B8)
YUV	201.6960, -8.7241, 44.9936
Hunter-Lab	75.2206, 23.3094, 10.9970

Details

The YIQ color **201.6960, 42.4990, 17.2430** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **230.3040, -42.4990, -17.2430**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5500, 10.3150, 5.7950**, and **147.2010, 39.5190, 16.1830** is the 20% darker color. If you saturate the color by 10%, you get **184.2850, 57.0780, 22.8540**, and if you desaturate by 10%, it is **219.1070, 27.9200, 11.6320**.

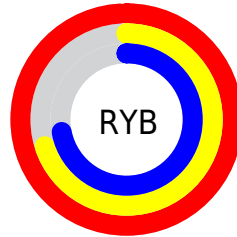
Distribution



Red (99%)

Green (70%)

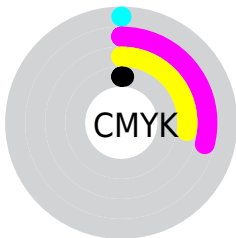
Blue (72%)



Red (99%)

Yellow (70%)

Blue (72%)

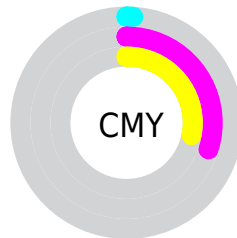


Cyan (0%)

Magenta (29%)

Yellow (27%)

Black (1%)



Cyan (1%)


Magenta (30%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 201.6960, 42.4990, 17.2430 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 201.6960, 42.4990, 17.2430 by changing the saturation by 10% instead.


 201.6960, 42.4990,
17.2430


 201.6960, 42.4990,
17.2430


255.0000, -0.0000,
-0.0000


 174.0980, 41.3070,
16.8190


 241.5500, 10.3150,
5.7950

 147.2010, 39.5190,
16.1830

 120.7170, 38.0060,
16.0700

 94.9340, 35.8970,
15.7450

 70.7380, 33.5130,
14.8970

 46.3680, 31.6790,
15.0950

 22.5250, 29.7990,

16.1270

■ 12.0740, 23.5190,
8.7910

■ 0.0000, 0.0000,
0.0000

■ 201.6960, 42.4990,
17.2430

■ 201.6960, 42.4990,
17.2430

■ 184.2850, 57.0780,
22.8540

■ 219.1070, 27.9200,
11.6320

■ 166.4010, 71.6110,
29.2990

■ 236.9910, 13.3870,
5.1870

■ 148.9900, 86.1900,
34.9100

254.4020, -1.1920,
-0.4240

■ 131.6930,
100.4480, 40.8320

■ 113.6950,
115.3020, 46.9660

■ 96.3980, 129.5600,
52.8880

■ 78.9870, 144.1390,
58.4990

■ 77.5850, 145.3310,
58.9230

Harmonies

Analogous

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



202.6700, 28.1930, 23.2090



201.6960, 42.4990, 17.2430



200.1010, 45.2520, 5.8920

Triad

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



201.6960, 42.4990, 17.2430



191.8780, -6.3690, -22.2490



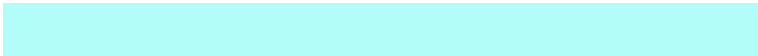
192.7990, -47.5460, 2.6460

Complementary

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



201.6960, 42.4990, 17.2430



230.3040, -42.4990, -17.2430

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.



187.2390, -61.0690, -11.0930



201.6960, 42.4990, 17.2430



188.5790, -33.3280, -23.7600

Square

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



201.6960, 42.4990, 17.2430



195.0290, 18.2510, -16.8930



185.4920, -54.8320, -19.5040



199.0520, -22.9730, 14.3630

Rectangle

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



201.6960, 42.4990, 17.2430



198.6070, 40.5310, -2.1650



185.4920, -54.8320, -19.5040



190.9290, -53.9640, -2.1880

Sweetspot

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



201.6960, 42.4990, 17.2430



239.1050, 13.0660, 5.4980



207.7680, 16.7740, 37.4300



117.5990, 8.6190, 3.4910



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.



201.6960, 42.4990, 17.2430



193.2950, 51.1180, 20.7340



219.3230, 35.5790, -0.5250



119.0010, 7.4270, 3.0670



58.5910, 109.6630, 44.5350



19.5920, 36.8600, 14.8120

Inverse Universe

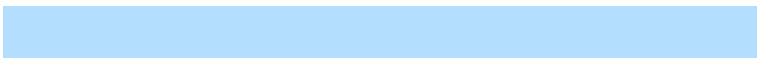
The Inverse Universe completely reimagines the original color for something new.



201.6960, 42.4990, 17.2430



193.2950, 51.1180, 20.7340



212.6770, -35.5790, 0.5250



119.0010, 7.4270, 3.0670



58.5910, 109.6630, 44.5350



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 201.6960, 42.4990, 17.2430 looks on a white background.

Color Contrast Check

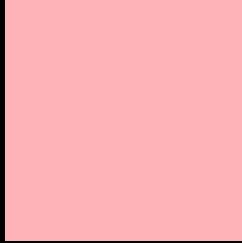
Large Text (above 18pt) WCAG AA × Fail

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 201.6960, 42.4990, 17.2430 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 201.6960, 42.4990, 17.2430

Background



This preview shows how black text looks on a background with the YIQ color 201.6960, 42.4990, 17.2430.



This preview shows how white text looks on a background with the YIQ color 201.6960, 42.4990,

17.2430.

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

201.6960, 42.4990, 17.2430

Protanopia

199.0390, 4.2640, -0.1840

Deuteranopia

200.4280, 22.2820, 3.6740



Tritanopia

202.2060, 41.1230, 20.1550

Trichromacy



Original Color

201.6960, 42.4990, 17.2430



Protanomaly

199.8560, 18.2010, 6.0490



Deuteranomaly

200.8960, 29.8920, 8.9320



Tritanomaly

201.8640, 42.0860, 19.2220

Monochromacy



Original Color

201.6960, 42.4990, 17.2430



Achromatopsia

202.0000, -0.0000, 0.0000



Achromatomaly

202.1870, 15.7710, 6.0350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.6960, 42.4990, 17.2430 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(253, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(253, 179, 184)  
}
```

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(253, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 179, 184) }
```

Border

The CSS property to change the border of an element to YIQ 201.6960, 42.4990, 17.2430 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(253, 179, 184) }
```


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

```
.border{ border-color:rgb(253, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(253, 179,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 201.6960, 42.4990, 17.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 179, 184) }
```

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

```
.background{ background-color: rgb(253,  
179, 184) }
```

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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