

Converting Colors

YIQ(196.8720, 30.4400, 21.0320)

Have a look what the booklet for
YIQ(196.8720, 30.4400, 21.0320)
contains.

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Color

**YIQ(196.8720, 30.4400,
21.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	EFAFC7
RGB	239, 175, 199
RGB Percent	94%, 69%, 78%
CMY	0.0626, 0.3138, 0.2195
CMYK	0.00, 0.27, 0.17, 0.06
HSL	337°, 67%, 81%
HSV	337°, 27%, 94%
XYZ	61.2476, 53.1324, 61.0762
YIQ	196.8720, 30.4400, 21.0320

Conversions

Conversions Part 2

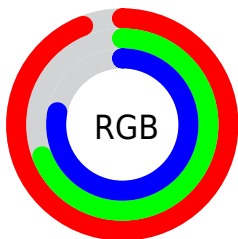
Format	Color
R _Y B	239, 175, 199
Decimal	15708103
CIE Lab	77.95, 26.90, -2.95
CIE LCh	78, 27.062, 353.731
Yxy	53.1324, 0.3491, 0.3028
Android (android.graphics.Color)	4293898183 (0xFFEFAFC7)
YUV	196.8720, 1.0491, 36.9463
Hunter-Lab	72.8920, 22.4240, 1.3453

Details

The YIQ color $196.8720, 30.4400, 21.0320$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $217.1280, -30.4400, -21.0320$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $240.9120, 6.6000, 12.5520$, and $142.5620, 28.3770, 19.8730$ is the 20% darker color. If you saturate the color by 10%, you get $181.0740, 41.8550, 28.9190$, and if you desaturate by 10%, it is $212.6700, 19.0250, 13.1450$.

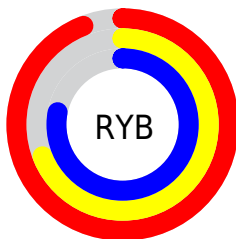
Distribution



Red (94%)

Green (69%)

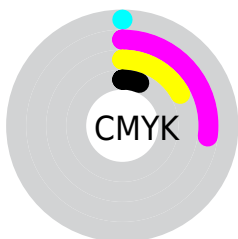
Blue (78%)



Red (94%)

Yellow (69%)

Blue (78%)

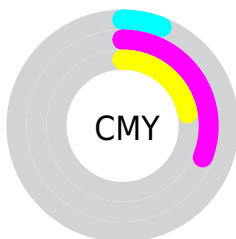


Cyan (0%)

Magenta (27%)

Yellow (17%)

Black (6%)



Cyan (6%)


Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.8720, 30.4400, 21.0320 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 196.8720, 30.4400, 21.0320 by changing the saturation by 10% instead.


 196.8720, 30.4400,
21.0320


 196.8720, 30.4400,
21.0320


255.0000, -0.0000,
-0.0000


 169.2740, 29.2480,
20.6080


 240.9120, 6.6000,
12.5520

 142.5620, 28.3770,
19.8730

 116.9640, 27.1850,
19.4490

 91.3660, 25.9930,
19.0250

 67.3550, 24.5260,
18.0780

 43.8710, 23.0130,
17.9650

 20.5010, 21.1790,

18.1630

■ 9.6820, 18.7510,
7.0950

■ 0.0000, 0.0000,
0.0000

■ 196.8720, 30.4400,
21.0320

■ 196.8720, 30.4400,
21.0320

■ 181.0740, 41.8550,
28.9190

■ 212.6700, 19.0250,
13.1450

■ 165.2760, 53.2700,
36.8060

■ 228.4680, 7.6100,
5.2580

■ 149.4780, 64.6850,
44.6930

■ 244.2660, -3.8050,
-2.6290

■ 133.6800, 76.1000,
52.5800

■ 250.2160, -9.5360,
-3.3920

■ 117.8820, 87.5150,
60.4670

■ 102.6710, 98.6550,
67.8310

■ 86.9870, 109.7490,
76.0290

■ 81.7210, 113.5540,
78.6580

Harmonies

Analogous

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



196.8620, 10.0370, 21.8530



196.8720, 30.4400, 21.0320



196.1040, 41.1700, 13.7940

Triad

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



196.8720, 30.4400, 21.0320



189.0930, 12.1990, -17.3450



183.5820, -54.6050, -7.0930

Complementary

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



196.8720, 30.4400, 21.0320



217.1280, -30.4400, -21.0320

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.



181.5570, -53.4570, -16.8890



196.8720, 30.4400, 21.0320



185.7680, -11.8710, -21.6550

Square

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



196.8720, 30.4400, 21.0320



191.8290, 30.8580, -8.5820



183.0780, -36.1710, -21.7950



189.5720, -39.4770, 5.0910

Rectangle

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



196.8720, 30.4400, 21.0320



194.9590, 42.7760, 6.7120



183.0780, -36.1710, -21.7950



182.6910, -56.5300, -10.7540

Sweetspot

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



196.8720, 30.4400, 21.0320



241.7780, 9.6730, 6.4170



193.9570, 2.7000, 28.1720



119.4570, 6.1430, 4.3110



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.



196.8720, 30.4400, 21.0320



201.0520, 38.9210, 27.0250



198.2450, 36.2190, 9.9070



112.0440, 5.8680, 3.7880



62.8820, 87.5150, 60.4670



19.1380, 26.6350, 18.4030

Inverse Universe

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



196.8720, 30.4400, 21.0320



201.0520, 38.9210, 27.0250



215.7550, -36.2190, -9.9070



112.0440, 5.8680, 3.7880



62.8820, 87.5150, 60.4670



19.1380, 26.6350, 18.4030

Previews

White Background



This preview shows how the YIQ color 196.8720, 30.4400, 21.0320 looks on a white background.

Color Contrast Check

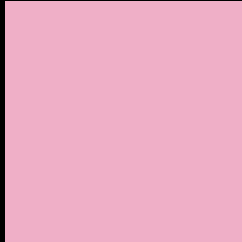
Large Text (above 18pt) WCAG AA × Fail

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 196.8720, 30.4400, 21.0320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

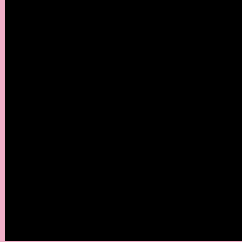
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.8720, 30.4400, 21.0320

Background



This preview shows how black text looks on a background with the YIQ color 196.8720, 30.4400, 21.0320.



This preview shows how white text looks on a background with the YIQ color 196.8720, 30.4400,

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

196.8720, 30.4400, 21.0320

Protanopia

193.9380, -5.4570, 5.2870

Deuteranopia

195.0170, 10.4980, 7.9860



Tritanopia

196.1340, 32.4580, 17.4980

Trichromacy



Original Color

196.8720, 30.4400, 21.0320

Protanomaly

195.0430, 7.6090, 10.7850

Deuteranomaly

196.0720, 17.8330, 12.7210

Tritanomaly

196.4760, 31.4950, 18.4310

Monochromacy



Original Color

196.8720, 30.4400, 21.0320

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.9030, 10.8190, 7.6750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.8720, 30.4400, 21.0320 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(239, 175, 199)` looks like.

```
.text, #text, p{  
    color:rgb(239, 175, 199)  
}
```

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(239, 175, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 175, 199) }
```

Border

The CSS property to change the border of an element to YIQ 196.8720, 30.4400, 21.0320 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(239, 175, 199) }
```


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

```
.border{ border-color:rgb(239, 175, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 175, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 175, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 175, 199);  
box-shadow:4px 4px 4px 4px rgb(239, 175,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 196.8720, 30.4400, 21.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 175, 199) }
```

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

```
.background{ background-color: rgb(239,  
175, 199) }
```

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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