

Converting Colors

YIQ(186.4420, 2.4720, 21.2880)

Have a look what the booklet for
YIQ(186.4420, 2.4720, 21.2880)
contains.

YIQ(186.4420, 2.4720, 21.2880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(186.4420, 2.4720,
21.2880)**

Conversions

Conversions Part 1

Format	Color
Hex	CAACDC
RGB	202, 172, 220
RGB Percent	79%, 67%, 86%
CMY	0.2077, 0.3255, 0.1373
CMYK	0.08, 0.22, 0.00, 0.14
HSL	278°, 41%, 77%
HSV	278°, 22%, 86%
XYZ	52.0316, 47.2274, 74.0787
YIQ	186.4420, 2.4720, 21.2880

Conversions

Conversions Part 2

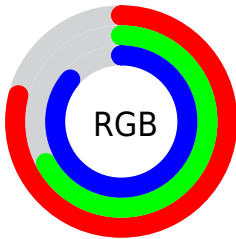
Format	Color
R_{YB}	202, 172, 220
Decimal	13282524
CIE _{Lab}	74.33, 19.65, -20.15
CIE _{LCh}	74, 28.145, 314.270
Yxy	47.2274, 0.3002, 0.2725
Android (android.graphics.Color)	4291472604 (0xFFCAACDC)
YUV	186.4420, 16.5441, 13.6444
Hunter-Lab	68.7222, 14.8838, -15.8058

Details

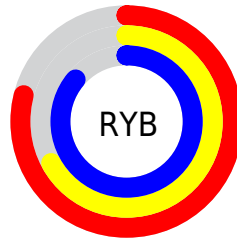
The YIQ color **186.4420, 2.4720, 21.2880** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **205.5580, -2.4720, -21.2880**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.1510, 7.4250, 14.1210**, and **133.5020, 2.2430, 19.9310** is the 20% darker color. If you saturate the color by 10%, you get **171.1360, 3.7540, 31.0980**, and if you desaturate by 10%, it is **201.7480, 1.1900, 11.4780**.

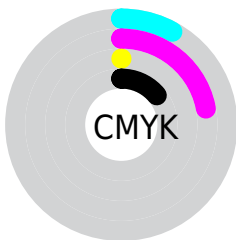
Distribution



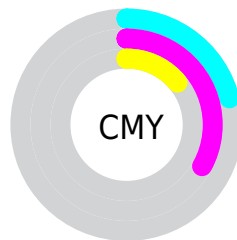
- Red (79%)
- Green (67%)
- Blue (86%)



- Red (79%)
- Yellow (67%)
- Blue (86%)



- Cyan (8%)
- Magenta (22%)
- Yellow (0%)
- Black (14%)



- Cyan (21%)
- Magenta (33%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.4420, 2.4720, 21.2880 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 186.4420, 2.4720, 21.2880 by changing the saturation by 10% instead.

■ 186.4420, 2.4720,
21.2880

■ 186.4420, 2.4720,
21.2880

255.0000, -0.0000,
-0.0000

■ 159.0290, 2.1970,
20.7650

■ 239.1510, 7.4250,
14.1210

■ 133.5020, 2.2430,
19.9310

■ 107.9750, 2.2890,
19.0970

■ 83.2630, 1.4180,
18.3620

■ 59.7360, 1.4640,
17.5280

■ 37.3230, 1.1890,
17.0050

■ 15.0350, 2.0600,

17.7400

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 186.4420, 2.4720,
21.2880

■ 186.4420, 2.4720,
21.2880

■ 171.1360, 3.7540,
31.0980

■ 201.7480, 1.1900,
11.4780

■ 155.8300, 5.0360,
40.9080

■ 217.0540, -0.0920,
1.6680

■ 140.2250, 5.7220,
50.5060

■ 232.6590, -0.7780,
-7.9300

■ 124.9190, 7.0040,
60.3160

■ 245.0300, -0.6850,
-15.1250

■ 109.6130, 8.2860,
70.1260

■ 247.4220, 4.0830,
-13.4290

■ 94.3070, 9.5680,
79.9360

■ 249.8140, 8.8510,
-11.7330

■ 78.7020, 10.2540,
89.5340

■ 251.0100, 11.2350,
-10.8850

■ 66.3420, 11.6280,
97.6760

Harmonies

Analogous

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



183.0410, -24.4400, 13.4160



186.4420, 2.4720, 21.2880



187.0010, 25.7630, 23.1950

Triad

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



186.4420, 2.4720, 21.2880



183.1610, 35.8550, -5.5290



170.4600, -51.8060, -19.2780

Complementary

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



186.4420, 2.4720, 21.2880



205.5580, -2.4720, -21.2880

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.



173.3730, -29.7520, -22.4880



186.4420, 2.4720, 21.2880



180.1540, 19.3970, -15.6350

Square

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



186.4420, 2.4720, 21.2880



184.5570, 43.9680, 7.1360



177.0740, -3.9850, -21.4010



171.3100, -59.8310, -11.5030

Rectangle

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



186.4420, 2.4720, 21.2880



186.7540, 36.5840, 19.8160



177.0740, -3.9850, -21.4010



170.9290, -45.9370, -21.0170

Sweetspot

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



186.4420, 2.4720, 21.2880



242.3410, 0.7780, 7.9300



188.0380, -20.3580, 5.5140



120.3470, 0.6410, 4.9050



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.



186.4420, 2.4720, 21.2880



208.7830, 3.2500, 29.2180



191.1400, 15.1260, 23.2380



102.3470, 0.6410, 4.9050



52.0140, 8.8350, 76.6990



13.9150, 2.5180, 20.4540

Inverse Universe

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



188.4040, 22.8300, 15.7740



211.5840, 31.3110, 21.7670



200.8600, -15.1260, -23.2380



102.7450, 5.2720, 3.5760



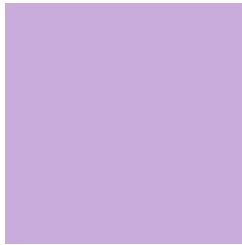
59.1370, 82.2430, 56.8910



15.6920, 21.9590, 15.0390

Previews

White Background



This preview shows how the YIQ color 186.4420, 2.4720, 21.2880 looks on a white background.

Color Contrast Check

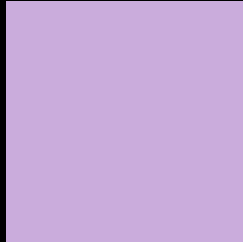
Large Text (above 18pt) WCAG AA × Fail

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 186.4420, 2.4720, 21.2880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

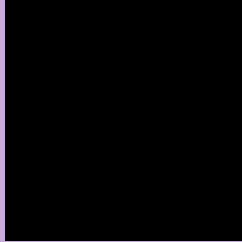
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.4420, 2.4720, 21.2880

Background



This preview shows how black text looks on a background with the YIQ color 186.4420, 2.4720, 21.2880.



This preview shows how white text looks on a background with the YIQ color 186.4420, 2.4720,

21.2880.

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

186.4420, 2.4720, 21.2880

Protanopia

183.4390, -19.8090, 12.0870

Deuteranopia

184.7560, -10.4560, 13.2880



Tritanopia

184.8750, 8.0220, 8.8060

Trichromacy



Original Color

186.4420, 2.4720, 21.2880

Protanomaly

184.7390, -11.7860, 15.3660

Deuteranomaly

185.0880, -5.4590, 16.3410

Tritanomaly

185.2540, 5.6370, 13.4850

Monochromacy



Original Color

186.4420, 2.4720, 21.2880

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.2270, 1.0990, 7.6190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.4420, 2.4720, 21.2880 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(202, 172, 220)` looks like.

```
.text, #text, p{  
    color:rgb(202, 172, 220)  
}
```

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(202, 172, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 172, 220) }
```

Border

The CSS property to change the border of an element to YIQ 186.4420, 2.4720, 21.2880 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(202, 172, 220) }
```


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

```
.border{ border-color:rgb(202, 172, 220) }
```

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

Here you see how a box with a 4 pixel rgb(202, 172, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 172, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 172, 220);  
box-shadow:4px 4px 4px 4px rgb(202, 172,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 186.4420, 2.4720, 21.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 172, 220) }
```

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

```
.background{ background-color: rgb(202,  
172, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor