

Converting Colors

YIQ(187.9080, 12.4230, 11.6470)

Have a look what the booklet for
YIQ(187.9080, 12.4230, 11.6470)
contains.

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Color

**YIQ(187.9080, 12.4230,
11.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB1C2
RGB	207, 177, 194
RGB Percent	81%, 69%, 76%
CMY	0.1881, 0.3059, 0.2392
CMYK	0.00, 0.15, 0.06, 0.19
HSL	326°, 24%, 75%
HSV	326°, 15%, 81%
XYZ	51.1963, 48.6032, 57.7274
YIQ	187.9080, 12.4230, 11.6470

Conversions

Conversions Part 2

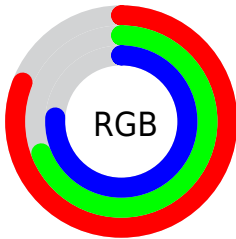
Format	Color
R _Y B	207, 177, 194
Decimal	13611458
CIE Lab	75.20, 13.70, -4.62
CIE LCh	75, 14.460, 341.352
Yxy	48.6032, 0.3250, 0.3085
Android (android.graphics.Color)	4291801538 (0xFFCFB1C2)
YUV	187.9080, 3.0034, 16.7437
Hunter-Lab	69.7160, 9.0794, -0.2931

Details

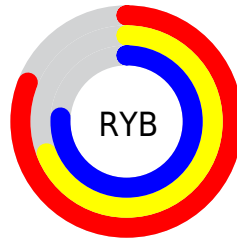
The YIQ color **187.9080, 12.4230, 11.6470** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **196.0920, -12.4230, -11.6470**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5160, 7.6550, 9.9510**, and **134.1960, 11.5520, 10.9120** is the 20% darker color. If you saturate the color by 10%, you get **174.5550, 21.0870, 19.8310**, and if you desaturate by 10%, it is **201.2610, 3.7590, 3.4630**.

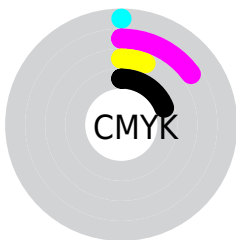
Distribution



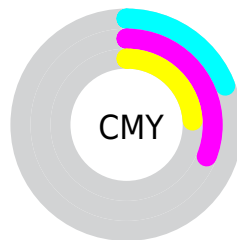
- Red (81%)
- Green (69%)
- Blue (76%)



- Red (81%)
- Yellow (69%)
- Blue (76%)



- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (19%)





- Cyan (19%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.9080, 12.4230, 11.6470 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 187.9080, 12.4230, 11.6470 by changing the saturation by 10% instead.


 187.9080, 12.4230,
11.6470


 187.9080, 12.4230,
11.6470


255.0000, -0.0000,
-0.0000


 160.6090, 11.8270,
11.4350


 241.5160, 7.6550,
9.9510

 134.4950, 12.1480,
11.1240

 108.8970, 10.9560,
10.7000

 84.4840, 10.6810,
10.1770

 61.1850, 10.0850,
9.9650

 39.4730, 9.2140,
9.2300

 17.8860, 9.4890,

9.7530

0.0000, 0.0000,
0.0000

187.9080, 12.4230,
11.6470

187.9080, 12.4230,
11.6470

174.5550, 21.0870,
19.8310

201.2610, 3.7590,
3.4630

161.7890, 29.4760,
27.4920

214.0270, -4.6300,
-4.1980

148.4360, 38.1400,
35.6760

227.3800,
-13.2940, -12.3820

135.0830, 46.8040,
43.8600

237.7980,
-20.5830, -17.9510

121.7300, 55.4680,
52.0440

238.8240,
-23.4720, -15.1520

■ 108.9640, 63.8570,
59.7050

■ 239.8500,
-26.3610, -12.3530

■ 95.6110, 72.5210,
67.8890

■ 240.6480,
-28.6080, -10.1760

■ 82.2580, 81.1850,
76.0730

■ 75.2310, 85.8150,
80.2710

Harmonies

Analogous

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



187.0360, 0.3190, 10.7430



187.9080, 12.4230, 11.6470



187.5190, 20.7680, 9.0880

Triad

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



187.9080, 12.4230, 11.6470



184.4170, 11.6470, -7.3370



181.1800, -27.0500, -5.3700

Complementary

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



187.9080, 12.4230, 11.6470



196.0920, -12.4230, -11.6470

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.



180.3990, -23.4730, -9.6250



187.9080, 12.4230, 11.6470



182.6650, -0.9150, -10.9550

Square

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



187.9080, 12.4230, 11.6470



185.4830, 20.4490, -1.6550



180.9070, -13.3400, -11.5480



183.0220, -23.4290, 0.5950

Rectangle

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



187.9080, 12.4230, 11.6470



187.1940, 23.0610, 6.0770



180.9070, -13.3400, -11.5480



181.0120, -26.6370, -7.3490

Sweetspot

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



187.9080, 12.4230, 11.6470



248.6740, 4.0340, 3.9860



184.3070, -1.8820, 12.0860



123.5490, 2.8880, 2.7280



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.



187.9080, 12.4230, 11.6470



227.5930, 17.9240, 16.5800



186.1980, 17.2380, 6.9820



97.9730, 4.6300, 4.1980



61.0620, 69.6330, 65.1610



14.8810, 17.0530, 15.8450

Inverse Universe

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



187.9080, 12.4230, 11.6470



227.5930, 17.9240, 16.5800



197.8020, -17.2380, -6.9820



97.9730, 4.6300, 4.1980



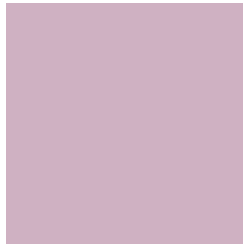
61.0620, 69.6330, 65.1610



14.8810, 17.0530, 15.8450

Previews

White Background



This preview shows how the YIQ color 187.9080, 12.4230, 11.6470 looks on a white background.

Color Contrast Check

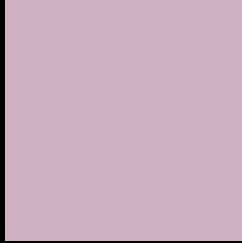
Large Text (above 18pt) WCAG AA × Fail

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 187.9080, 12.4230, 11.6470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

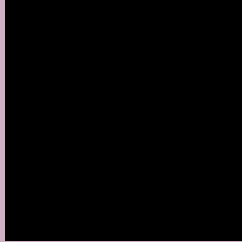
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.9080, 12.4230, 11.6470

Background



This preview shows how black text looks on a background with the YIQ color 187.9080, 12.4230, 11.6470.



This preview shows how white text looks on a background with the YIQ color 187.9080, 12.4230,

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

187.9080, 12.4230, 11.6470

Protanopia

185.8950, -3.8980, 4.5660

Deuteranopia

187.4620, 7.7470, 8.2830



Tritanopia

187.5660, 13.3860, 10.7140

Trichromacy



Original Color

187.9080, 12.4230, 11.6470

Protanomaly

186.4120, 2.0160, 7.5200

Deuteranomaly

187.7720, 9.8100, 9.4420

Tritanomaly

187.6800, 13.0650, 11.0250

Monochromacy



Original Color

187.9080, 12.4230, 11.6470

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9730, 4.6300, 4.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.9080, 12.4230, 11.6470 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(207, 177, 194)` looks like.

```
.text, #text, p{  
    color:rgb(207, 177, 194)  
}
```

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(207, 177, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 177, 194) }
```

Border

The CSS property to change the border of an element to YIQ 187.9080, 12.4230, 11.6470 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(207, 177, 194) }
```


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

```
.border{ border-color:rgb(207, 177, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 177, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 177, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 177, 194);  
box-shadow:4px 4px 4px 4px rgb(207, 177,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 187.9080, 12.4230, 11.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 177, 194) }
```

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

```
.background{ background-color: rgb(207,  
177, 194) }
```

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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