

Converting Colors

YIQ(187.5030, 0.5020, 12.9340)

Have a look what the booklet for
YIQ(187.5030, 0.5020, 12.9340)
contains.

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Color

**YIQ(187.5030, 0.5020,
12.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B3D1
RGB	196, 179, 209
RGB Percent	77%, 70%, 82%
CMY	0.2313, 0.2980, 0.1804
CMYK	0.06, 0.14, 0.00, 0.18
HSL	274°, 25%, 76%
HSV	274°, 14%, 82%
XYZ	50.3955, 48.5783, 67.0385
YIQ	187.5030, 0.5020, 12.9340

Conversions

Conversions Part 2

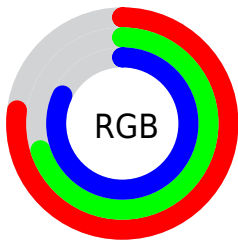
Format	Color
R_{YB}	196, 179, 209
Decimal	12891089
CIE _{Lab}	75.19, 11.64, -12.92
CIE _{LCh}	75, 17.390, 311.999
Yxy	48.5783, 0.3036, 0.2926
Android (android.graphics.Color)	4291081169 (0xFFC4B3D1)
YUV	187.5030, 10.5980, 7.4519
Hunter-Lab	69.6982, 7.0933, -8.2388

Details

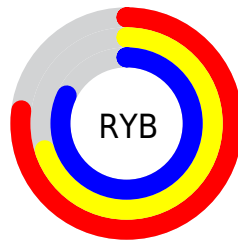
The YIQ color $187.5030, 0.5020, 12.9340$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $200.4970, -0.5020, -12.9340$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.6620, 4.3080, 10.0360$, and $134.0900, 0.2270, 12.4110$ is the 20% darker color. If you saturate the color by 10%, you get $172.4850, 0.9130, 22.0090$, and if you desaturate by 10%, it is $202.5210, 0.0910, 3.8590$.

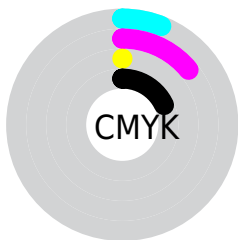
Distribution



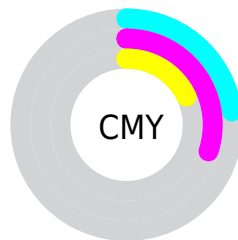
- Red (77%)
- Green (70%)
- Blue (82%)



- Red (77%)
- Yellow (70%)
- Blue (82%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.5030, 0.5020, 12.9340 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 187.5030, 0.5020, 12.9340 by changing the saturation by 10% instead.

■ 187.5030, 0.5020,
12.9340

■ 187.5030, 0.5020,
12.9340

255.0000, -0.0000,
-0.0000

■ 160.3890, 0.8230,
12.6230

■ 242.6620, 4.3080,
10.0360

■ 134.0900, 0.2270,
12.4110

■ 108.6770, -0.0480,
11.8880

■ 84.4490, 0.5940,
11.2660

■ 61.0360, 0.3190,
10.7430

■ 39.5090, 0.3650,
9.9090

■ 17.9220, 0.6400,

10.4320

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 187.5030, 0.5020,
12.9340

■ 187.5030, 0.5020,
12.9340

■ 172.4850, 0.9130,
22.0090

■ 202.5210, 0.0910,
3.8590

■ 157.4670, 1.3240,
31.0840

■ 217.5390, -0.3200,
-5.2160

■ 142.4490, 1.7350,
40.1590

■ 232.5570, -0.7310,
-14.2910

■ 127.4310, 2.1460,
49.2340

■ 242.8790, 1.0580,
-19.1820

■ 112.4130, 2.5570,
58.3090

■ 245.5700, 6.4220,
-17.2740

■ 97.9820, 2.6930,
66.8610

■ 248.2610, 11.7860,
-15.3660

■ 82.9640, 3.1040,
75.9360

■ 249.7560, 14.7660,
-14.3060

■ 67.9460, 3.5150,
85.0110

■ 59.4070, 3.8350,
90.2270

Harmonies

Analogous

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



185.2560, -15.0400, 8.2560



187.5030, 0.5020, 12.9340



188.0440, 15.0360, 13.8520

Triad

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



187.5030, 0.5020, 12.9340



185.8100, 23.8420, -2.5740



179.5940, -28.5160, -11.8440

Complementary

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



187.5030, 0.5020, 12.9340



200.4970, -0.5020, -12.9340

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.



180.4720, -16.5490, -13.9650



187.5030, 0.5020, 12.9340



183.8470, 13.2520, -8.8920

Square

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



187.5030, 0.5020, 12.9340



186.8910, 28.2880, 4.9600



182.1980, -1.0980, -13.1460



179.8310, -33.3770, -6.3450

Rectangle

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



187.5030, 0.5020, 12.9340



188.1110, 22.0970, 12.5370



182.1980, -1.0980, -13.1460



179.6220, -25.7190, -12.9750

Sweetspot

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



187.5030, 0.5020, 12.9340



247.9340, 0.3660, 4.3820



190.0510, -13.2050, 2.5310



122.9940, 0.1370, 3.0250



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.



187.5030, 0.5020, 12.9340



224.0780, 0.5010, 18.4610



191.1620, 8.8920, 15.0680



97.0480, 0.0450, 4.6930



47.5570, 2.6920, 72.3880



11.5510, 0.5470, 17.6270

Inverse Universe

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



189.4520, 13.7070, 10.4030



226.9090, 19.8500, 14.7140



196.8380, -8.8920, -15.0680



97.8590, 4.9510, 3.8870



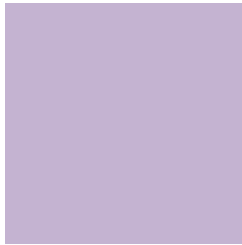
58.5540, 76.6950, 58.3190



14.3110, 18.6580, 14.2900

Previews

White Background



This preview shows how the YIQ color 187.5030, 0.5020, 12.9340 looks on a white background.

Color Contrast Check

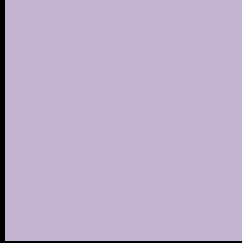
Large Text (above 18pt) WCAG AA × Fail

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 187.5030, 0.5020, 12.9340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

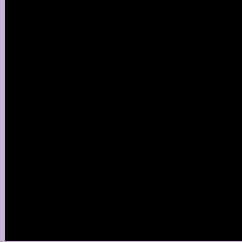
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.5030, 0.5020, 12.9340

Background



This preview shows how black text looks on a background with the YIQ color 187.5030, 0.5020, 12.9340.



This preview shows how white text looks on a background with the YIQ color 187.5030, 0.5020,

12.9340.

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

187.5030, 0.5020, 12.9340

Protanopia

185.9960, -11.3720, 7.8600

Deuteranopia

186.8940, -2.1570, 11.5630



Tritanopia

186.5970, 2.9330, 7.4210

Trichromacy



Original Color

187.5030, 0.5020, 12.9340

Protanomaly

186.5020, -6.9250, 9.8670

Deuteranomaly

187.1930, -1.5610, 11.7750

Tritanomaly

186.8790, 2.1990, 9.7110

Monochromacy



Original Color

187.5030, 0.5020, 12.9340

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0480, 0.0450, 4.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.5030, 0.5020, 12.9340 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(196, 179, 209)` looks like.

```
.text, #text, p{  
    color:rgb(196, 179, 209)  
}
```

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(196, 179, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 179, 209) }
```

Border

The CSS property to change the border of an element to YIQ 187.5030, 0.5020, 12.9340 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(196, 179, 209) }
```


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

```
.border{ border-color:rgb(196, 179, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 179, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 179, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 179, 209);  
box-shadow:4px 4px 4px 4px rgb(196, 179,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 187.5030, 0.5020, 12.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 179, 209) }
```

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

```
.background{ background-color: rgb(196,  
179, 209) }
```

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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