

Converting Colors

YIQ(151.3930, 30.5310, 24.8910)

Have a look what the booklet for
YIQ(151.3930, 30.5310, 24.8910)
contains.

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Color

**YIQ(151.3930, 30.5310,
24.8910)**

Conversions

Conversions Part 1

Format	Color
Hex	C47FA0
RGB	196, 127, 160
RGB Percent	77%, 50%, 63%
CMY	0.2312, 0.5021, 0.3725
CMYK	0.00, 0.35, 0.18, 0.23
HSL	331°, 37%, 63%
HSV	331°, 35%, 77%
XYZ	36.7101, 29.4523, 37.0189
YIQ	151.3930, 30.5310, 24.8910

Conversions

Conversions Part 2

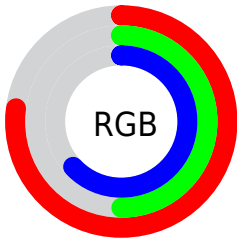
Format	Color
R_{YB}	196, 127, 160
Decimal	12877728
CIE _{Lab}	61.18, 31.46, -6.52
CIE _{LCh}	61, 32.129, 348.287
Yxy	29.4523, 0.3558, 0.2854
Android (android.graphics.Color)	4291067808 (0xFFC47FA0)
YUV	151.3930, 4.2433, 39.1203
Hunter-Lab	54.2699, 25.7714, -2.4543

Details

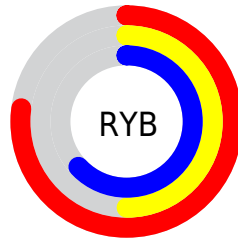
The YIQ color **151.3930, 30.5310, 24.8910** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171.6070, -30.5310, -24.8910**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.7030, 32.5940, 26.0500**, and **99.1970, 28.1470, 24.0430** is the 20% darker color. If you saturate the color by 10%, you get **138.5130, 39.2410, 32.2410**, and if you desaturate by 10%, it is **164.2730, 21.8210, 17.5410**.

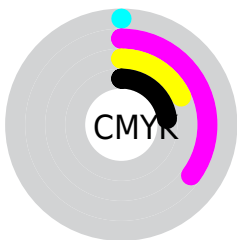
Distribution



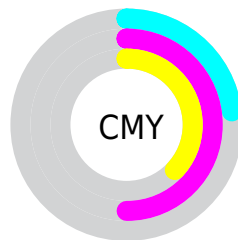
- Red (77%)
- Green (50%)
- Blue (63%)



- Red (77%)
- Yellow (50%)
- Blue (63%)



- Cyan (0%)
- Magenta (35%)
- Yellow (18%)
- Black (23%)





- Cyan (23%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.3930, 30.5310, 24.8910 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 151.3930, 30.5310, 24.8910 by changing the saturation by 10% instead.


 151.3930, 30.5310,
24.8910


 151.3930, 30.5310,
24.8910


255.0000, -0.0000,
-0.0000


 124.7950, 29.3390,
24.4670


 206.7030, 32.5940,
26.0500


 99.1970, 28.1470,
24.0430


 226.0430, 16.7770,
20.8490

 74.1860, 26.6800,
23.0960

 244.4340, 4.9500,
9.4140

 50.0010, 25.7630,
23.1950

 25.3430, 24.8000,
24.1280

 15.0230, 19.5290,
15.0250

 0.0000, 0.0000,

0.0000

■ 151.3930, 30.5310,
24.8910

■ 151.3930, 30.5310,
24.8910

■ 138.5130, 39.2410,
32.2410

■ 164.2730, 21.8210,
17.5410

■ 126.2200, 47.6760,
39.0680

■ 176.5660, 13.3860,
10.7140

■ 113.2260, 56.7070,
46.1070

■ 189.5600, 4.3550,
3.6750

■ 100.9330, 65.1420,
52.9340

■ 201.8530, -4.0800,
-3.1520

■ 88.0530, 73.8520,
60.2840

■ 214.7330,
-12.7900, -10.5020

■ 75.1730, 82.5620,
67.6340

■ 227.6130,
-21.5000, -17.8520

■ 69.3200, 86.6420,
70.7860

■ 234.7370,
-27.7810, -19.6610

■ 235.8770,
-30.9910, -16.5510

■ 237.0170,
-34.2010, -13.4410

Harmonies

Analogous

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



151.2900, 5.9560, 24.2280



151.3930, 30.5310, 24.8910



149.8920, 44.8830, 18.0910

Triad

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



151.3930, 30.5310, 24.8910



143.7900, 17.4260, -18.4620



129.2200, -77.2530, -15.1490

Complementary

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



151.3930, 30.5310, 24.8910



171.6070, -30.5310, -24.8910

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.



128.4300, -69.4570, -24.2810



151.3930, 30.5310, 24.8910



140.1550, -8.7070, -23.9310

Square

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



151.3930, 30.5310, 24.8910



146.7650, 36.9100, -8.1300



134.7030, -39.6090, -25.5690



140.1510, -54.4690, 1.4590

Rectangle

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



151.3930, 30.5310, 24.8910



149.1060, 46.8560, 9.8640



134.7030, -39.6090, -25.5690



126.9160, -79.4530, -19.3330

Sweetspot

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



151.3930, 30.5310, 24.8910



236.8540, 12.5150, 9.9790



145.6300, -0.6930, 29.0910



116.9950, 7.5640, 6.0920



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.



151.3930, 30.5310, 24.8910



185.8070, 47.4010, 38.5450



148.2180, 40.8490, 14.1050



90.5600, 4.3550, 3.6750



56.9170, 71.2390, 58.0790



11.6910, 14.5320, 11.9720

Inverse Universe

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



151.3930, 30.5310, 24.8910



185.8070, 47.4010, 38.5450



174.7820, -40.8490, -14.1050



90.5600, 4.3550, 3.6750



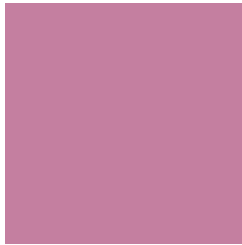
56.9170, 71.2390, 58.0790



11.6910, 14.5320, 11.9720

Previews

White Background



This preview shows how the YIQ color 151.3930, 30.5310, 24.8910 looks on a white background.

Color Contrast Check

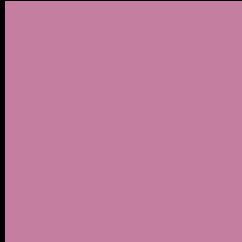
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.3930, 30.5310, 24.8910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

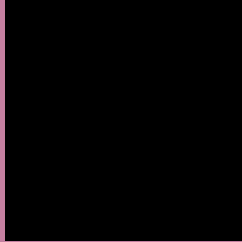
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 151.3930, 30.5310, 24.8910

Background



This preview shows how black text looks on a background with the YIQ color 151.3930, 30.5310, 24.8910.



This preview shows how white text looks on a background with the YIQ color 151.3930, 30.5310,

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

151.3930, 30.5310, 24.8910

Protanopia

148.7680, -10.7300, 7.2380

Deuteranopia

149.6680, 4.1710, 7.0110



Tritanopia

150.2760, 34.9340, 16.6780

Trichromacy



Original Color

151.3930, 30.5310, 24.8910

Protanomaly

149.7700, 4.1240, 13.3720

Deuteranomaly

150.4460, 13.8440, 13.4280

Tritanomaly

150.7860, 33.5580, 19.5900

Monochromacy



Original Color

151.3930, 30.5310, 24.8910

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.8430, 11.0480, 9.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.3930, 30.5310, 24.8910 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, 127, 160)` looks like.

```
.text, #text, p{  
    color:rgb(196, 127, 160)  
}
```

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, 127, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 127, 160) }
```

Border

The CSS property to change the border of an element to YIQ 151.3930, 30.5310, 24.8910 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, 127, 160) }
```


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

```
.border{ border-color:rgb(196, 127, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 127, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 127, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 127, 160);  
box-shadow:4px 4px 4px 4px rgb(196, 127,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 151.3930, 30.5310, 24.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 127, 160) }
```

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

```
.background{ background-color: rgb(196,  
127, 160) }
```

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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