

Converting Colors

YIQ(121.6130, 25.4810, 61.3610)

Have a look what the booklet for
YIQ(121.6130, 25.4810, 61.3610)
contains.

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Color

**YIQ(121.6130, 25.4810,
61.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	B84BC6
RGB	184, 75, 198
RGB Percent	72%, 29%, 78%
CMY	0.2781, 0.7060, 0.2235
CMYK	0.07, 0.62, 0.00, 0.22
HSL	293°, 52%, 54%
HSV	293°, 62%, 78%
XYZ	32.4939, 19.3042, 55.4404
YIQ	121.6130, 25.4810, 61.3610

Conversions

Conversions Part 2

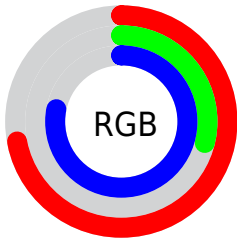
Format	Color
RYB	184, 75, 198
Decimal	12078022
CIELab	51.04, 60.65, -44.12
CIElCh	51, 74.994, 323.966
Yxy	19.3042, 0.3030, 0.1800
Android (android.graphics.Color)	4290268102 (0xFFB84BC6)
YUV	121.6130, 37.6588, 54.7134
Hunter-Lab	43.9365, 55.1233, -44.0583

Details

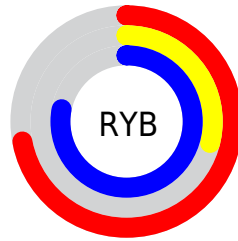
The YIQ color **121.6130, 25.4810, 61.3610** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **151.3870, -25.4810, -61.3610**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **178.0370, 27.2230, 62.8310**, and **57.5090, 29.0100, 68.9940** is the 20% darker color. If you saturate the color by 10%, you get **109.2750, 29.7890, 71.3970**, and if you desaturate by 10%, it is **133.9510, 21.1730, 51.3250**.

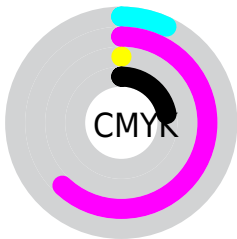
Distribution



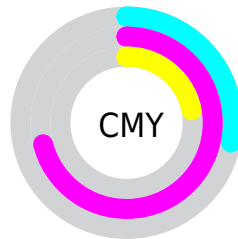
- Red (72%)
- Green (29%)
- Blue (78%)



- Red (72%)
- Yellow (29%)
- Blue (78%)



- Cyan (7%)
- Magenta (62%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (71%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.6130, 25.4810, 61.3610 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 121.6130, 25.4810, 61.3610 by changing the saturation by 10% instead.

121.6130, 25.4810,
61.3610

121.6130, 25.4810,
61.3610

255.0000, -0.0000,
-0.0000

93.0260, 25.7560,
61.8840

178.0370, 27.2230,
62.8310

57.5090, 29.0100,
68.9940

198.0610, 26.6750,
50.7310

43.2380, 22.0430,
57.5870

214.4970, 18.9750,
36.0870

32.3150, 13.9760,
44.0880

231.5200, 11.0000,
20.9200

22.4030, 7.3760,
31.5360

249.1300, 2.7500,
5.2300

9.9140, -4.9090,
17.3870

3.2090, -7.6580,

6.6300

■ 0.0000, 0.0000,
0.0000

■ 121.6130, 25.4810,
61.3610

■ 121.6130, 25.4810,
61.3610

■ 109.2750, 29.7890,
71.3970

■ 133.9510, 21.1730,
51.3250

■ 96.9370, 34.0970,
81.4330

■ 146.5880, 17.4610,
41.5010

■ 84.8870, 37.5340,
90.7340

■ 158.3390, 13.4280,
31.9880

■ 75.1960, 41.3380,
98.8900

■ 170.6770, 9.1200,
21.9520

■ 183.0150, 4.8120,
11.9160

■ 195.6520, 1.1000,
2.0920

■ 207.9900, -3.2080,
-7.9440

■ 219.7410, -7.2410,
-17.4570

■ 232.0790,
-11.5490, -27.4930

Harmonies

Analogous

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



116.1490, -59.0140, 34.2820



121.6130, 25.4810, 61.3610



104.9110, 80.5440, 71.1680

Triad

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



121.6130, 25.4810, 61.3610



114.1600, 62.8180, -26.1260



107.0710, -96.1870, -24.4350

Complementary

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



121.6130, 25.4810, 61.3610



151.3870, -25.4810, -61.3610

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.



98.9600, -74.7260, -44.4380



121.6130, 25.4810, 61.3610



107.3730, 21.8330, -48.7830

Square

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



121.6130, 25.4810, 61.3610



110.8910, 98.2090, -1.2070



88.1590, -51.2020, -63.2820



110.7650, -112.1000, -5.8600

Rectangle

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



121.6130, 25.4810, 61.3610



101.9170, 97.6020, 59.3780



88.1590, -51.2020, -63.2820



104.6770, -89.4460, -30.9660

Sweetspot

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



121.6130, 25.4810, 61.3610



225.3290, 10.2200, 24.0440



97.2400, -43.3330, 30.9310



109.1940, 5.8660, 14.8420



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.



121.6130, 25.4810, 61.3610



136.3050, 39.4130, 95.2290



120.4410, 48.9120, 49.7120



93.4180, 1.8790, 4.4950



61.9370, 34.0970, 81.4330



13.6720, 7.5160, 17.9800

Inverse Universe

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



113.3730, 68.8140, 30.4300



123.5030, 107.0950, 47.0230



152.5590, -48.9120, -49.7120



92.8050, 5.0430, 2.2190



50.7890, 91.3700, 40.1540



11.2200, 20.1720, 8.8760

Previews

White Background



This preview shows how the YIQ color 121.6130, 25.4810, 61.3610 looks on a white background.

Color Contrast Check

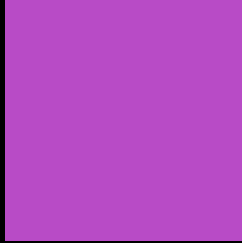
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.6130, 25.4810, 61.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

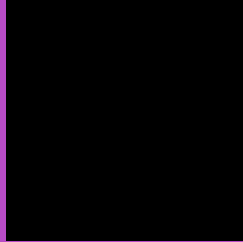
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.6130, 25.4810, 61.3610

Background



This preview shows how black text looks on a background with the YIQ color 121.6130, 25.4810, 61.3610.



This preview shows how white text looks on a background with the YIQ color 121.6130, 25.4810,

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

121.6130, 25.4810, 61.3610

Protanopia

110.5650, -81.1570, 22.5790

Deuteranopia

118.9880, -43.2840, 13.5160



Tritanopia

123.3260, 40.6650, 17.4410

Trichromacy



Original Color

121.6130, 25.4810, 61.3610



Protanomaly

114.4130, -42.1420, 36.8820



Deuteranomaly

120.1150, -18.1160, 30.9720



Tritanomaly

123.0010, 34.9310, 33.2590

Monochromacy



Original Color

121.6130, 25.4810, 61.3610



Achromatopsia

122.0000, 0.0000, -0.0000



Achromatomaly

122.0900, 9.3950, 22.4750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.6130, 25.4810, 61.3610 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(184, 75, 198)` looks like.

```
.text, #text, p{  
    color:rgb(184, 75, 198)  
}
```

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(184, 75, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 75, 198) }
```

Border

The CSS property to change the border of an element to YIQ 121.6130, 25.4810, 61.3610 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(184, 75, 198) }
```


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

```
.border{ border-color:rgb(184, 75, 198) }
```

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

Here you see how a box with a 4 pixel rgb(184, 75, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 75, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 75, 198);  
box-shadow:4px 4px 4px 4px rgb(184, 75,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 121.6130, 25.4810, 61.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 75, 198) }
```

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

```
.background{ background-color: rgb(184, 75,  
198) }
```

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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