

Converting Colors

YIQ(121.4420, 29.9760, 51.4800)

Have a look what the booklet for
YIQ(121.4420, 29.9760, 51.4800)
contains.

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Color

**YIQ(121.4420, 29.9760,
51.4800)**

Conversions

Conversions Part 1

Format	Color
Hex	B650B0
RGB	182, 80, 176
RGB Percent	71%, 31%, 69%
CMY	0.2860, 0.6864, 0.3098
CMYK	0.00, 0.56, 0.03, 0.29
HSL	304°, 41%, 51%
HSV	304°, 56%, 71%
XYZ	30.0128, 18.8206, 43.1311
YIQ	121.4420, 29.9760, 51.4800

Conversions

Conversions Part 2

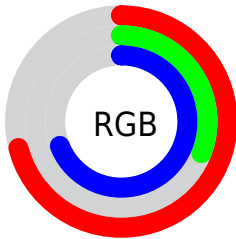
Format	Color
R_{YB}	182, 80, 176
Decimal	11948208
CIE _{Lab}	50.48, 53.94, -32.27
CIE _{LCh}	50, 62.858, 329.112
Yxy	18.8206, 0.3264, 0.2047
Android (android.graphics.Color)	4290138288 (0xFFB650B0)
YUV	121.4420, 26.8971, 53.1094
Hunter-Lab	43.3827, 47.5690, -28.5782

Details

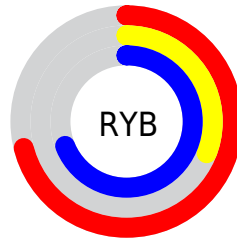
The YIQ color **121.4420, 29.9760, 51.4800** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **140.5580, -29.9760, -51.4800**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **176.8660, 31.7180, 52.9500**, and **64.0230, 29.8380, 53.9820** is the 20% darker color. If you saturate the color by 10%, you get **110.7620, 35.2470, 60.5830**, and if you desaturate by 10%, it is **132.1220, 24.7050, 42.3770**.

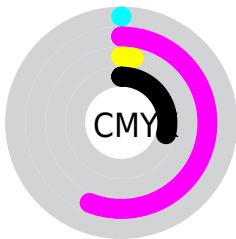
Distribution



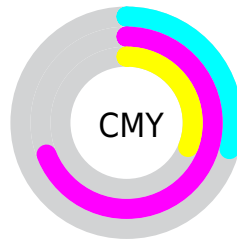
- Red (71%)
- Green (31%)
- Blue (69%)



- Red (71%)
- Yellow (31%)
- Blue (69%)



- Cyan (0%)
- Magenta (56%)
- Yellow (3%)
- Black (29%)





- Cyan (29%)
- Magenta (69%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.4420, 29.9760, 51.4800 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 121.4420, 29.9760, 51.4800 by changing the saturation by 10% instead.


 121.4420, 29.9760,
51.4800


 121.4420, 29.9760,
51.4800


255.0000, -0.0000,
-0.0000


 94.1430, 29.3800,
51.2680


 176.8660, 31.7180,
52.9500


 64.0230, 29.8380,
53.9820


 200.4090, 25.5750,
48.6390


 40.7730, 27.5460,
51.4660


 216.8450, 17.8750,
33.9950

 30.2630, 19.7540,
38.4900

 233.2810, 10.1750,
19.3510

 20.7640, 13.4290,
26.4610

 250.8910, 1.9250,
3.6610

 7.7910, -0.3690,
12.1990

 0.0000, 0.0000,

0.0000

■ 121.4420, 29.9760,
51.4800

■ 121.4420, 29.9760,
51.4800

■ 110.7620, 35.2470,
60.5830

■ 132.1220, 24.7050,
42.3770

■ 100.0820, 40.5180,
69.6860

■ 142.8020, 19.4340,
33.2740

■ 88.8150, 46.0640,
79.3120

■ 154.0690, 13.8880,
23.6480

■ 78.1350, 51.3350,
88.4150

■ 164.7490, 8.6170,
14.5450

■ 73.9120, 53.5810,
91.7650

■ 175.4290, 3.3460,
5.4420

■ 186.2230, -2.2460,
-3.3500

■ 196.9030, -7.5170,
-12.4530

■ 208.1700,
-13.0630, -22.0790

■ 218.8500,
-18.3340, -31.1820

Harmonies

Analogous

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



121.1060, -31.0920, 34.8600



121.4420, 29.9760, 51.4800



113.9180, 69.4980, 51.0820

Triad

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



121.4420, 29.9760, 51.4800



112.3330, 54.8410, -30.2390



104.0220, -94.4910, -22.1310

Complementary

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



121.4420, 29.9760, 51.4800



140.5580, -29.9760, -51.4800

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.



97.8660, -77.1570, -38.9250



121.4420, 29.9760, 51.4800



105.2910, 19.1280, -49.3200

Square

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



121.4420, 29.9760, 51.4800



113.7730, 77.9900, -3.7220



89.1340, -58.0810, -54.2490



105.7610, -106.2770, -6.7650

Rectangle

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



121.4420, 29.9760, 51.4800



112.2870, 81.1000, 39.0520



89.1340, -58.0810, -54.2490



102.0840, -89.0340, -27.4180

Sweetspot

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



121.4420, 29.9760, 51.4800



213.2920, 11.6420, 20.2980



93.1230, -29.7620, 32.7820



105.6840, 7.2420, 11.9300



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



121.4420, 29.9760, 51.4800



142.6410, 46.6140, 80.3580



115.7420, 46.0260, 35.9300



86.6030, 2.7960, 4.3960



63.2880, 46.1100, 78.4780



11.3360, 8.3420, 14.0220

Inverse Universe

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



121.4420, 29.9760, 51.4800



142.6410, 46.6140, 80.3580



146.2580, -46.0260, -35.9300



86.6030, 2.7960, 4.3960



63.2880, 46.1100, 78.4780



11.3360, 8.3420, 14.0220

Previews

White Background



This preview shows how the YIQ color 121.4420, 29.9760, 51.4800 looks on a white background.

Color Contrast Check

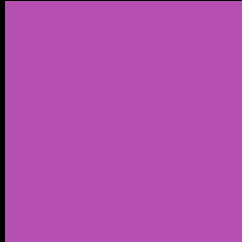
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.4420, 29.9760, 51.4800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

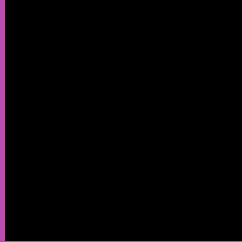
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.4420, 29.9760, 51.4800

Background



This preview shows how black text looks on a background with the YIQ color 121.4420, 29.9760, 51.4800.



This preview shows how white text looks on a background with the YIQ color 121.4420, 29.9760,

51.4800.

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

121.4420, 29.9760, 51.4800

Protanopia

117.0120, -51.8590, 20.2450

Deuteranopia

120.2150, -24.9900, 12.3700



Tritanopia

121.5220, 43.0490, 18.2890

Trichromacy



Original Color

121.4420, 29.9760, 51.4800



Protanomaly

118.4890, -22.1050, 31.6790



Deuteranomaly

120.7110, -5.4150, 26.5610



Tritanomaly

121.2740, 38.4160, 30.6720

Monochromacy



Original Color

121.4420, 29.9760, 51.4800



Achromatopsia

121.0000, -0.0000, 0.0000



Achromatomaly

121.0530, 10.8170, 18.7290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.4420, 29.9760, 51.4800 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(182, 80, 176)` looks like.

```
.text, #text, p{  
    color:rgb(182, 80, 176)  
}
```

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(182, 80, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 80, 176) }
```

Border

The CSS property to change the border of an element to YIQ 121.4420, 29.9760, 51.4800 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(182, 80, 176) }
```


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

```
.border{ border-color:rgb(182, 80, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 80, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 80, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 80, 176);  
box-shadow:4px 4px 4px 4px rgb(182, 80,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 121.4420, 29.9760, 51.4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 80, 176) }
```

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

```
.background{ background-color: rgb(182, 80,  
176) }
```

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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