

Converting Colors

YIQ(121.0000, 19.4770, 49.0210)

Have a look what the booklet for
YIQ(121.0000, 19.4770, 49.0210)
contains.

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Color

**YIQ(121.0000, 19.4770,
49.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	AA54B7
RGB	170, 84, 183
RGB Percent	67%, 33%, 72%
CMY	0.3331, 0.6707, 0.2824
CMYK	0.07, 0.54, 0.00, 0.28
HSL	292°, 41%, 52%
HSV	292°, 54%, 72%
XYZ	28.3070, 18.3076, 46.8416
YIQ	121.0000, 19.4770, 49.0210

Conversions

Conversions Part 2

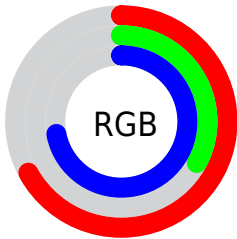
Format	Color
R_{YB}	170, 84, 183
Decimal	11162807
CIE _{Lab}	49.87, 49.99, -37.42
CIE _{LCh}	50, 62.445, 323.188
Yxy	18.3076, 0.3029, 0.1959
Android (android.graphics.Color)	4289352887 (0xFFAA54B7)
YUV	121.0000, 30.5660, 42.9730
Hunter-Lab	42.7874, 43.2132, -34.9567

Details

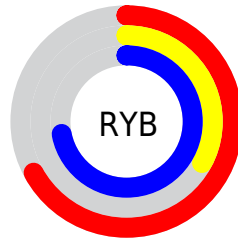
The YIQ color **121.0000, 19.4770, 49.0210** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **146.0000, -19.4770, -49.0210**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **175.5380, 20.8980, 50.8020**, and **66.7010, 18.8810, 48.8090** is the 20% darker color. If you saturate the color by 10%, you get **109.8360, 23.2350, 58.0110**, and if you desaturate by 10%, it is **132.1640, 15.7190, 40.0310**.

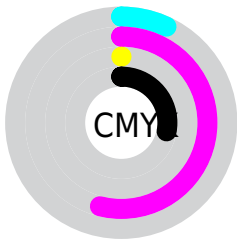
Distribution



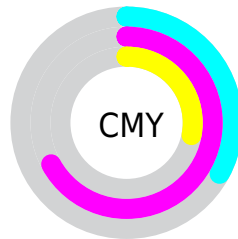
- Red (67%)
- Green (33%)
- Blue (72%)



- Red (67%)
- Yellow (33%)
- Blue (72%)



- Cyan (7%)
- Magenta (54%)
- Yellow (0%)
- Black (28%)



- Cyan (33%)
- Magenta (67%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.0000, 19.4770, 49.0210 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 121.0000, 19.4770, 49.0210 by changing the saturation by 10% instead.

121.0000, 19.4770,
49.0210

121.0000, 19.4770,
49.0210

255.0000, -0.0000,
-0.0000

94.2880, 18.6060,
48.2860

175.5380, 20.8980,
50.8020

66.7010, 18.8810,
48.8090

201.5830, 25.0250,
47.5930

38.4670, 19.6600,
51.2120

218.0190, 17.3250,
32.9490

27.8430, 12.1890,
37.9250

235.0420, 9.3500,
17.7820

18.6430, 6.4600,
26.1080

252.0650, 1.3750,
2.6150

3.7620, -10.5930,
10.2630

0.7980, -2.2470,

2.1770

■ 0.0000, 0.0000,
0.0000

■ 121.0000, 19.4770,
49.0210

■ 121.0000, 19.4770,
49.0210

■ 109.8360, 23.2350,
58.0110

■ 132.1640, 15.7190,
40.0310

■ 97.7860, 26.6720,
67.3120

■ 144.2140, 12.2820,
30.7300

■ 86.6220, 30.4300,
76.3020

■ 155.3780, 8.5240,
21.7400

■ 75.4580, 34.1880,
85.2920

■ 166.8410, 5.3620,
12.9620

■ 68.4030, 36.0210,
90.6210

■ 178.0050, 1.6040,
3.9720

■ 189.7560, -2.4290,
-5.5410

■ 201.2190, -5.5910,
-14.3190

■ 212.3830, -9.3490,
-23.3090

■ 224.4330,
-12.7860, -32.6100

Harmonies

Analogous

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



116.2180, -46.2670, 29.0370



121.0000, 19.4770, 49.0210



113.1500, 63.0330, 52.6090

Triad

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



121.0000, 19.4770, 49.0210



111.4910, 60.3880, -26.1400



102.0670, -90.3640, -25.3400

Complementary

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



121.0000, 19.4770, 49.0210



146.0000, -19.4770, -49.0210

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.



95.2100, -72.4340, -41.9220



121.0000, 19.4770, 49.0210



105.9330, 26.1880, -45.1080

Square

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



121.0000, 19.4770, 49.0210



112.8860, 79.4100, 3.5860



90.0060, -45.9770, -53.3450



104.7350, -103.3880, -9.5640

Rectangle

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



121.0000, 19.4770, 49.0210



110.3670, 78.1190, 43.5190



90.0060, -45.9770, -53.3450



100.0150, -84.5860, -30.9380

Sweetspot

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



121.0000, 19.4770, 49.0210



213.1990, 7.4700, 18.8140



102.9170, -35.3540, 23.9900



105.6020, 4.5370, 11.3930



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.



121.0000, 19.4770, 49.0210



140.6220, 30.4300, 76.3020



120.7830, 38.7810, 40.5810



86.4180, 1.8790, 4.4950



58.1490, 30.3840, 77.1360



10.3680, 5.3160, 13.7960

Inverse Universe

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



115.0830, 54.8310, 25.0310



131.3260, 85.3640, 38.8680



146.2170, -38.7810, -40.5810



85.8050, 5.0430, 2.2190



48.9240, 86.5560, 39.2920



8.8280, 15.4040, 7.1800

Previews

White Background



This preview shows how the YIQ color 121.0000, 19.4770, 49.0210 looks on a white background.

Color Contrast Check

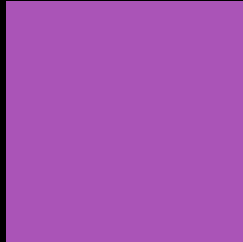
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 121.0000, 19.4770, 49.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

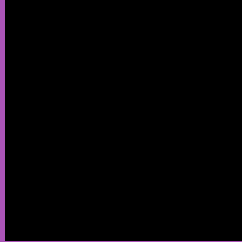
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.0000, 19.4770, 49.0210

Background



This preview shows how black text looks on a background with the YIQ color 121.0000, 19.4770, 49.0210.



This preview shows how white text looks on a background with the YIQ color 121.0000, 19.4770,

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

121.0000, 19.4770, 49.0210

Protanopia

114.3860, -55.8480, 20.9520

Deuteranopia

117.2510, -33.8390, 13.0490



Tritanopia

120.8410, 31.7250, 14.2610

Trichromacy



Original Color

121.0000, 19.4770, 49.0210

Protanomaly

116.5530, -28.1570, 31.2270

Deuteranomaly

118.8070, -14.4930, 25.8830

Tritanomaly

121.0060, 27.3670, 27.1670

Monochromacy



Original Color

121.0000, 19.4770, 49.0210

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.3730, 6.9200, 17.7680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.0000, 19.4770, 49.0210 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(170, 84, 183)` looks like.

```
.text, #text, p{  
    color:rgb(170, 84, 183)  
}
```

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(170, 84, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 84, 183) }
```

Border

The CSS property to change the border of an element to YIQ 121.0000, 19.4770, 49.0210 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(170, 84, 183) }
```


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

```
.border{ border-color:rgb(170, 84, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 84, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 84, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 84, 183);  
box-shadow:4px 4px 4px 4px rgb(170, 84,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 121.0000, 19.4770, 49.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 84, 183) }
```

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

```
.background{ background-color: rgb(170, 84,  
183) }
```

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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