

Converting Colors

YIQ(149.0110, 19.8030, 21.0750)

Have a look what the booklet for
YIQ(149.0110, 19.8030, 21.0750)
contains.

YIQ(149.0110, 19.8030, 21.0750)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(149.0110, 19.8030,
21.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	B582A3
RGB	181, 130, 163
RGB Percent	71%, 51%, 64%
CMY	0.2901, 0.4903, 0.3607
CMYK	0.00, 0.28, 0.10, 0.29
HSL	321°, 26%, 61%
HSV	321°, 28%, 71%
XYZ	33.6564, 28.4325, 38.3708
YIQ	149.0110, 19.8030, 21.0750

Conversions

Conversions Part 2

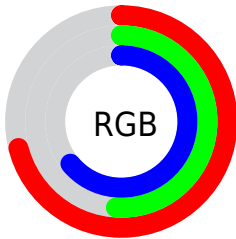
Format	Color
R_{YB}	181, 130, 163
Decimal	11895459
CIE _{Lab}	60.28, 24.95, -9.76
CIE _{LCh}	60, 26.793, 338.649
Yxy	28.4325, 0.3350, 0.2830
Android (android.graphics.Color)	4290085539 (0xFFB582A3)
YUV	149.0110, 6.8966, 28.0544
Hunter-Lab	53.3222, 19.3535, -5.3398

Details

The YIQ color **149.0110, 19.8030, 21.0750** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **161.9890, -19.8030, -21.0750**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.1360, 20.9490, 22.3330**, and **97.5870, 18.0610, 19.6050** is the 20% darker color. If you saturate the color by 10%, you get **137.7610, 26.6790, 28.6230**, and if you desaturate by 10%, it is **160.2610, 12.9270, 13.5270**.

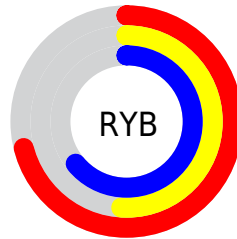
Distribution



Red (71%)

Green (51%)

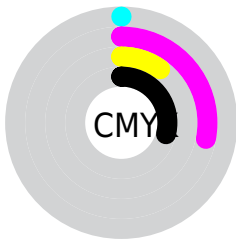
Blue (64%)



Red (71%)

Yellow (51%)

Blue (64%)

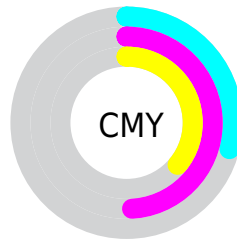


Cyan (0%)

Magenta (28%)

Yellow (10%)

Black (29%)



Cyan (29%)


Magenta (49%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.0110, 19.8030, 21.0750 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 149.0110, 19.8030, 21.0750 by changing the saturation by 10% instead.


 149.0110, 19.8030,
21.0750


 149.0110, 19.8030,
21.0750


255.0000, -0.0000,
-0.0000


 122.7120, 19.2070,
20.8630


 203.1360, 20.9490,
22.3330


 97.5870, 18.0610,
19.6050


 228.1460, 14.9890,
20.2130

 73.2880, 17.4650,
19.3930

 246.1950, 4.1250,
7.8450

 49.6900, 16.2730,
18.9690

 27.0920, 15.0810,
18.5450

 12.9730, 13.7980,
14.2620

 0.0000, 0.0000,

0.0000

■ 149.0110, 19.8030,
21.0750

■ 149.0110, 19.8030,
21.0750

■ 137.7610, 26.6790,
28.6230

■ 160.2610, 12.9270,
13.5270

■ 126.3970, 33.8760,
35.8600

■ 171.6250, 5.7300,
6.2900

■ 115.1470, 40.7520,
43.4080

■ 182.8750, -1.1460,
-1.2580

■ 103.7830, 47.9490,
50.6450

■ 194.2390, -8.3430,
-8.4950

■ 91.9460, 55.1000,
58.7160

■ 206.0760,
-15.4940, -16.5660

■ 80.6960, 61.9760,
66.2640

■ 217.3260,
-22.3700, -24.1140

69.3320, 69.1730,
73.5010

227.5160,
-29.0170, -30.3050

67.4570, 70.3190,
74.7590

228.2000,
-30.9430, -28.4390

228.9980,
-33.1900, -26.2620

Harmonies

Analogous

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



148.1100, -2.5250, 18.2350



149.0110, 19.8030, 21.0750



148.3900, 34.6130, 16.9890

Triad

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



149.0110, 19.8030, 21.0750



143.2190, 20.7720, -13.0200



132.9250, -57.3090, -13.1570

Complementary

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



149.0110, 19.8030, 21.0750



161.9890, -19.8030, -21.0750

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.



133.0970, -46.3500, -19.0380



149.0110, 19.8030, 21.0750



140.6940, 0.1410, -19.0830

Square

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



149.0110, 19.8030, 21.0750



145.2580, 34.2040, -3.1400



137.1350, -23.1500, -20.9900



137.6800, -48.8290, -1.6370

Rectangle

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



149.0110, 19.8030, 21.0750



147.2670, 39.1530, 11.8010



137.1350, -23.1500, -20.9900



132.4150, -55.9330, -16.0690

Sweetspot

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



149.0110, 19.8030, 21.0750



223.0490, 7.4720, 7.7600



141.1960, -5.6430, 19.6770



110.0870, 4.3090, 4.5090



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



149.0110, 19.8030, 21.0750



184.7340, 31.3090, 32.8210



146.1610, 27.8280, 13.3000



83.3750, 3.4380, 3.7740



57.0330, 59.4090, 63.2250



9.5980, 10.3600, 10.4880

Inverse Universe

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



149.0110, 19.8030, 21.0750



184.7340, 31.3090, 32.8210



164.8390, -27.8280, -13.3000



83.3750, 3.4380, 3.7740



57.0330, 59.4090, 63.2250



9.5980, 10.3600, 10.4880

Previews

White Background



This preview shows how the YIQ color 149.0110, 19.8030, 21.0750 looks on a white background.

Color Contrast Check

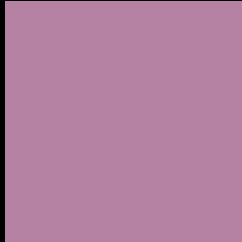
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.0110, 19.8030, 21.0750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

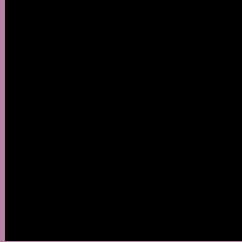
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.0110, 19.8030, 21.0750

Background



This preview shows how black text looks on a background with the YIQ color 149.0110, 19.8030, 21.0750.



This preview shows how white text looks on a background with the YIQ color 149.0110, 19.8030,

21.0750.

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

149.0110, 19.8030, 21.0750

Protanopia

145.9960, -11.3720, 7.8600

Deuteranopia

147.4550, 0.4570, 8.2410



Tritanopia

148.0080, 23.8850, 13.1730

Trichromacy



Original Color

149.0110, 19.8030, 21.0750

Protanomaly

147.2040, -0.0940, 12.7220

Deuteranomaly

148.2110, 7.1960, 12.7640

Tritanomaly

148.5180, 22.5090, 16.0850

Monochromacy



Original Color

149.0110, 19.8030, 21.0750

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.0490, 7.4720, 7.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.0110, 19.8030, 21.0750 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(181, 130, 163)` looks like.

```
.text, #text, p{  
    color:rgb(181, 130, 163)  
}
```

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(181, 130, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 130, 163) }
```

Border

The CSS property to change the border of an element to YIQ 149.0110, 19.8030, 21.0750 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(181, 130, 163) }
```


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

```
.border{ border-color:rgb(181, 130, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 130, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 130, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 130, 163);  
box-shadow:4px 4px 4px 4px rgb(181, 130,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 149.0110, 19.8030, 21.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 130, 163) }
```

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

```
.background{ background-color: rgb(181,  
130, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor