

Converting Colors

YIQ(123.1500, 9.1660, 21.1180)

Have a look what the booklet for
YIQ(123.1500, 9.1660, 21.1180)
contains.

YIQ(123.1500, 9.1660, 21.1180)	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(123.1500, 9.1660,
21.1180)**

Conversions

Conversions Part 1

Format	Color
Hex	916B95
RGB	145, 107, 149
RGB Percent	57%, 42%, 58%
CMY	0.4313, 0.5804, 0.4157
CMYK	0.03, 0.28, 0.00, 0.42
HSL	294°, 17%, 50%
HSV	294°, 28%, 58%
XYZ	22.3632, 18.7045, 30.8658
YIQ	123.1500, 9.1660, 21.1180

Conversions

Conversions Part 2

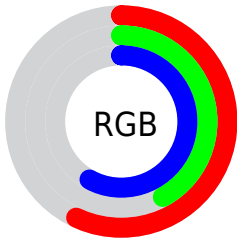
Format	Color
R _Y B	145, 107, 149
Decimal	9530261
CIE Lab	50.34, 22.73, -17.00
CIE LCh	50, 28.385, 323.200
Yxy	18.7045, 0.3109, 0.2600
Android (android.graphics.Color)	4287720341 (0xFF916B95)
YUV	123.1500, 12.7441, 19.1625
Hunter-Lab	43.2487, 16.6144, -12.0402

Details

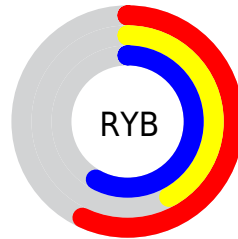
The YIQ color **123.1500, 9.1660, 21.1180** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **132.8500, -9.1660, -21.1180**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.9760, 9.7160, 22.1640**, and **73.9110, 8.3410, 19.5490** is the 20% darker color. If you saturate the color by 10%, you get **114.0460, 12.6950, 28.7510**, and if you desaturate by 10%, it is **132.2540, 5.6370, 13.4850**.

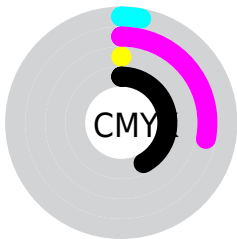
Distribution



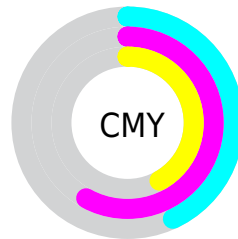
- Red (57%)
- Green (42%)
- Blue (58%)



- Red (57%)
- Yellow (42%)
- Blue (58%)



- Cyan (3%)
- Magenta (28%)
- Yellow (0%)
- Black (42%)



- Cyan (43%)
- Magenta (58%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.1500, 9.1660, 21.1180 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 123.1500, 9.1660, 21.1180 by changing the saturation by 10% instead.

■ 123.1500, 9.1660,
21.1180

■ 123.1500, 9.1660,
21.1180

255.0000, -0.0000,
-0.0000

■ 97.7370, 8.8910,
20.5950

■ 175.9760, 9.7160,
22.1640

■ 73.9110, 8.3410,
19.5490

■ 203.6880, 10.5870,
22.8990

■ 50.4980, 8.0660,
19.0260

■ 230.9330, 11.2750,
21.4430

■ 28.3730, 6.9200,
17.7680

■ 247.3690, 3.5750,
6.7990

■ 12.2050, 7.3330,
15.7890

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,

0.0000

■ 123.1500, 9.1660,
21.1180

■ 123.1500, 9.1660,
21.1180

■ 114.0460, 12.6950,
28.7510

■ 132.2540, 5.6370,
13.4850

■ 104.6430, 15.6280,
36.1720

■ 141.6570, 2.7040,
6.0640

■ 95.5390, 19.1570,
43.8050

■ 150.7610, -0.8250,
-1.5690

■ 86.1360, 22.0900,
51.2260

■ 160.1640, -3.7580,
-8.9900

■ 77.0320, 25.6190,
58.8590

■ 168.6810, -7.0120,
-16.1000

■ 68.5150, 28.8730,
65.9690

■ 177.7850,
-10.5410, -23.7330

■ 59.1120, 31.8060,
73.3900

■ 187.1880,
-13.4740, -31.1540

■ 57.3510, 32.6310,
74.9590

■ 196.2920,
-17.0030, -38.7870

■ 205.6950,
-19.9360, -46.2080

Harmonies

Analogous

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



121.1730, -16.0040, 14.7160



123.1500, 9.1660, 21.1180



122.9750, 28.6520, 20.3960

Triad

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



123.1500, 9.1660, 21.1180



118.4590, 29.0240, -8.3840



101.5770, -65.3770, -21.1290

Complementary

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



123.1500, 9.1660, 21.1180



132.8500, -9.1660, -21.1180

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.



107.7080, -38.0050, -21.5970



123.1500, 9.1660, 21.1180



116.3210, 11.5570, -16.7230

Square

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



123.1500, 9.1660, 21.1180



120.2850, 38.7420, 2.7260



113.1810, -11.5960, -21.1320



104.7870, -65.6080, -11.4320

Rectangle

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



123.1500, 9.1660, 21.1180



121.7600, 36.4470, 16.7910



113.1810, -11.5960, -21.1320



103.6550, -56.8490, -21.4970

Sweetspot

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



123.1500, 9.1660, 21.1180



184.0100, 3.2080, 7.9440



114.1360, -14.5820, 10.9700



90.8310, 2.1540, 5.0180



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



123.1500, 9.1660, 21.1180



153.4640, 14.5740, 33.2460



122.4080, 17.0070, 16.6790



69.5920, 1.3290, 3.4490



53.1070, 30.2020, 69.4180



3.8310, 2.1540, 5.0180

Inverse Universe

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



120.0140, 23.7480, 10.1480



148.4180, 37.4100, 15.8580



133.5920, -17.0070, -16.6790



69.0930, 4.1720, 1.4840



42.7440, 78.0750, 33.2990



3.1040, 5.6390, 2.4310

Previews

White Background



This preview shows how the YIQ color 123.1500, 9.1660, 21.1180 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 123.1500, 9.1660, 21.1180 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 123.1500, 9.1660, 21.1180

Background



This preview shows how black text looks on a background with the YIQ color 123.1500, 9.1660, 21.1180.



This preview shows how white text looks on a background with the YIQ color 123.1500, 9.1660,

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

123.1500, 9.1660, 21.1180

Protanopia

120.6410, -17.5620, 9.9100

Deuteranopia

120.7190, -9.0340, 9.5420



Tritanopia

121.6970, 14.3950, 8.9470

Trichromacy



Original Color

123.1500, 9.1660, 21.1180

Protanomaly

121.8380, -7.7510, 13.8250

Deuteranomaly

121.4750, -2.2950, 14.0650

Tritanomaly

121.9620, 12.3310, 13.3150

Monochromacy



Original Color

123.1500, 9.1660, 21.1180

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.8960, 3.5290, 7.6330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.1500, 9.1660, 21.1180 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(145, 107, 149)` looks like.

```
.text, #text, p{  
    color:rgb(145, 107, 149)  
}
```

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(145, 107, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 107, 149) }
```

Border

The CSS property to change the border of an element to YIQ 123.1500, 9.1660, 21.1180 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(145, 107, 149) }
```


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

```
.border{ border-color:rgb(145, 107, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 107, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 107, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 107, 149);  
box-shadow:4px 4px 4px 4px rgb(145, 107,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 123.1500, 9.1660, 21.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 107, 149) }
```

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

```
.background{ background-color: rgb(145,  
107, 149) }
```

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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