

Converting Colors

YIQ(122.6510, 21.1770, 29.2170)

Have a look what the booklet for
YIQ(122.6510, 21.1770, 29.2170)
contains.

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Color

**YIQ(122.6510, 21.1770,
29.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	A16295
RGB	161, 98, 149
RGB Percent	63%, 38%, 58%
CMY	0.3684, 0.6158, 0.4156
CMYK	0.00, 0.39, 0.07, 0.37
HSL	311°, 25%, 51%
HSV	311°, 39%, 63%
XYZ	24.4982, 18.4826, 30.7148
YIQ	122.6510, 21.1770, 29.2170

Conversions

Conversions Part 2

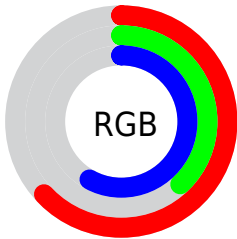
Format	Color
R _Y B	161, 98, 149
Decimal	10576533
CIE Lab	50.08, 33.39, -17.24
CIE LCh	50, 37.579, 332.688
Yxy	18.4826, 0.3324, 0.2508
Android (android.graphics.Color)	4288766613 (0xFFA16295)
YUV	122.6510, 12.9901, 33.6321
Hunter-Lab	42.9914, 26.4815, -12.2652

Details

The YIQ color $122.6510, 21.1770, 29.2170$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $136.3490, -21.1770, -29.2170$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $176.0750, 22.9190, 30.6870$, and $72.2270, 19.4350, 27.7470$ is the 20% darker color. If you saturate the color by 10%, you get $112.9170, 26.5400, 36.6520$, and if you desaturate by 10%, it is $132.3850, 15.8140, 21.7820$.

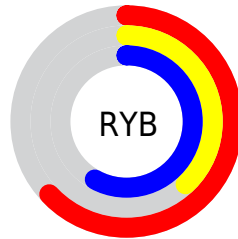
Distribution



Red (63%)

Green (38%)

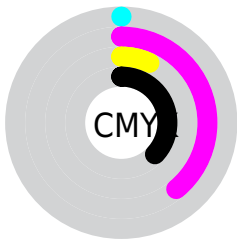
Blue (58%)



Red (63%)

Yellow (38%)

Blue (58%)

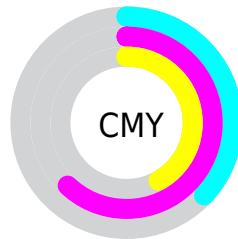


Cyan (0%)

Magenta (39%)

Yellow (7%)

Black (37%)



Cyan (37%)

Magenta (62%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.6510, 21.1770, 29.2170 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 122.6510, 21.1770, 29.2170 by changing the saturation by 10% instead.

122.6510, 21.1770,
29.2170

122.6510, 21.1770,
29.2170

255.0000, -0.0000,
-0.0000

96.9390, 20.3060,
28.4820

176.0750, 22.9190,
30.6870

72.2270, 19.4350,
27.7470

203.7870, 23.7900,
31.4220

47.9280, 18.8390,
27.5350

225.6500, 13.7500,
26.1500

23.1560, 18.1970,
28.1570

242.0860, 6.0500,
11.5060

15.1950, 13.2930,
17.9090

0.0000, 0.0000,
0.0000

122.6510, 21.1770,
29.2170

122.6510, 21.1770,
29.2170

112.9170, 26.5400,
36.6520

132.3850, 15.8140,
21.7820

103.1830, 31.9030,
44.0870

142.1190, 10.4510,
14.3470

93.4490, 37.2660,
51.5220

151.8530, 5.0880,
6.9120

83.7150, 42.6290,
58.9570

161.5870, -0.2750,
-0.5230

73.3940, 48.2670,
66.9150

171.9080, -5.9130,
-8.4810

63.6600, 53.6300,
74.3500


181.6420,
-11.2760, -15.9160

62.9590, 54.2260,
74.5620

191.4900,
-16.9600, -23.0400

201.2240,

-22.3230, -30.4750

 210.9580,
-27.6860, -37.9100

Harmonies

Analogous

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



121.6670, -11.2830, 22.7730



122.6510, 21.1770, 29.2170



120.5640, 43.2310, 26.0070

Triad

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



122.6510, 21.1770, 29.2170



115.9720, 31.5930, -16.3990



96.6870, -86.2380, -23.0220

Complementary

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



122.6510, 21.1770, 29.2170



136.3490, -21.1770, -29.2170

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.



93.0390, -75.9660, -32.9740



122.6510, 21.1770, 29.2170



112.2290, 5.6440, -25.2040

Square

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



122.6510, 21.1770, 29.2170



118.4290, 46.9040, -2.0240



106.4560, -28.7880, -28.9480



96.2600, -91.9250, -13.5650

Rectangle

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



122.6510, 21.1770, 29.2170



119.6430, 50.0180, 18.6420



106.4560, -28.7880, -28.9480



95.5470, -83.0280, -26.1320

Sweetspot

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



122.6510, 21.1770, 29.2170



193.7550, 8.4800, 11.5200



108.7700, -13.0710, 22.1370



95.8530, 5.0880, 6.9120



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



122.6510, 21.1770, 29.2170



149.3080, 33.0490, 45.3450



119.1170, 31.1280, 19.5760



76.4890, 3.1170, 4.0850



56.8070, 48.5420, 67.4380



6.9780, 6.2340, 8.1700

Inverse Universe

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



122.6510, 21.1770, 29.2170



149.3080, 33.0490, 45.3450



139.8830, -31.1280, -19.5760



76.4890, 3.1170, 4.0850



56.8070, 48.5420, 67.4380



6.9780, 6.2340, 8.1700

Previews

White Background



This preview shows how the YIQ color 122.6510, 21.1770, 29.2170 looks on a white background.

Color Contrast Check

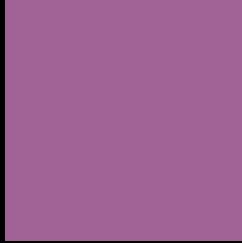
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.6510, 21.1770, 29.2170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

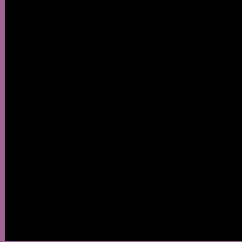
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.6510, 21.1770, 29.2170

Background



This preview shows how black text looks on a background with the YIQ color 122.6510, 21.1770, 29.2170.



This preview shows how white text looks on a background with the YIQ color 122.6510, 21.1770,

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

122.6510, 21.1770, 29.2170

Protanopia

119.6560, -21.9180, 11.7620

Deuteranopia

120.6050, -8.7130, 9.2310



Tritanopia

121.4600, 28.4240, 13.5120

Trichromacy



Original Color

122.6510, 21.1770, 29.2170

Protanomaly

120.9570, -6.4680, 18.1080

Deuteranomaly

121.3940, 2.4270, 16.5950

Tritanomaly

121.4800, 25.6720, 19.3360

Monochromacy



Original Color

122.6510, 21.1770, 29.2170

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.9290, 7.9300, 10.4740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.6510, 21.1770, 29.2170 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(161, 98, 149)` looks like.

```
.text, #text, p{  
    color:rgb(161, 98, 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(161, 98, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 98, 149) }
```

Border

The CSS property to change the border of an element to YIQ 122.6510, 21.1770, 29.2170 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(161, 98, 149) }
```


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

```
.border{ border-color:rgb(161, 98, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 98, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 98, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 98, 149);  
box-shadow:4px 4px 4px 4px rgb(161, 98,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 122.6510, 21.1770, 29.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 98, 149) }
```

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

```
.background{ background-color: rgb(161, 98,  
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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