

Converting Colors

YIQ(121.2210, 19.5720, 30.7720)

Have a look what the booklet for
YIQ(121.2210, 19.5720, 30.7720)
contains.

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Color

**YIQ(121.2210, 19.5720,
30.7720)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6098
RGB	159, 96, 152
RGB Percent	62%, 38%, 60%
CMY	0.3763, 0.6236, 0.4039
CMYK	0.00, 0.40, 0.04, 0.38
HSL	307°, 25%, 50%
HSV	307°, 40%, 62%
XYZ	24.1561, 18.0040, 31.9115
YIQ	121.2210, 19.5720, 30.7720

Conversions

Conversions Part 2

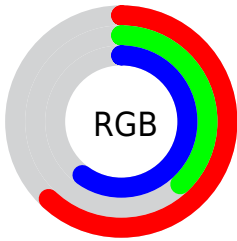
Format	Color
R_{YB}	159, 96, 152
Decimal	10444952
CIE _{Lab}	49.50, 34.38, -19.92
CIE _{LCh}	50, 39.734, 329.917
Yxy	18.0040, 0.3261, 0.2431
Android (android.graphics.Color)	4288635032 (0xFF9F6098)
YUV	121.2210, 15.1740, 33.1322
Hunter-Lab	42.4311, 27.3660, -14.8889

Details

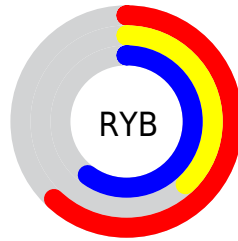
The YIQ color **121.2210, 19.5720, 30.7720** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **133.7790, -19.5720, -30.7720**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.6450, 21.3140, 32.2420**, and **70.7970, 17.8300, 29.3020** is the 20% darker color. If you saturate the color by 10%, you get **111.6010, 24.6140, 38.5180**, and if you desaturate by 10%, it is **130.8410, 14.5300, 23.0260**.

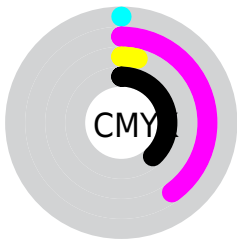
Distribution



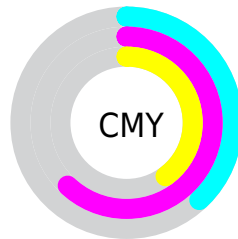
- Red (62%)
- Green (38%)
- Blue (60%)



- Red (62%)
- Yellow (38%)
- Blue (60%)



- Cyan (0%)
- Magenta (40%)
- Yellow (4%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.2210, 19.5720, 30.7720 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 121.2210, 19.5720, 30.7720 by changing the saturation by 10% instead.

■ 121.2210, 19.5720,
30.7720

■ 121.2210, 19.5720,
30.7720

■ 255.0000, -0.0000,
-0.0000

■ 95.5090, 18.7010,
30.0370

■ 174.6450, 21.3140,
32.2420

■ 70.7970, 17.8300,
29.3020

■ 202.4710, 21.8640,
33.2880

■ 46.4980, 17.2340,
29.0900

■ 224.4760, 14.3000,
27.1960

■ 22.9000, 16.0420,
28.6660

■ 240.9120, 6.6000,
12.5520

■ 14.8250, 11.4590,
18.1070

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,

0.0000

121.2210, 19.5720,
30.7720

121.2210, 19.5720,
30.7720

111.6010, 24.6140,
38.5180

130.8410, 14.5300,
23.0260

101.9810, 29.6560,
46.2640

140.4610, 9.4880,
15.2800

92.4750, 34.3770,
54.3210

149.9670, 4.7670,
7.2230

82.8550, 39.4190,
62.0670

159.5870, -0.2750,
-0.5230

73.2350, 44.4610,
69.8130

169.2070, -5.3170,
-8.2690

64.2020, 49.2280,
77.0360

178.2400,
-10.0840, -15.4920

■ 63.6150, 49.5030,
77.5590

■ 187.7460,
-14.8050, -23.5490

■ 197.3660,
-19.8470, -31.2950

■ 206.9860,
-24.8890, -39.0410

Harmonies

Analogous

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



119.6280, -15.5470, 22.9570



121.2210, 19.5720, 30.7720



119.3300, 44.0100, 28.4100

Triad

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



121.2210, 19.5720, 30.7720



114.5270, 34.3440, -16.6960



95.7580, -85.0000, -23.4320

Complementary

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



121.2210, 19.5720, 30.7720



133.7790, -19.5720, -30.7720

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.



92.4690, -74.3610, -34.5290



121.2210, 19.5720, 30.7720



111.2570, 8.4410, -26.3350

Square

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



121.2210, 19.5720, 30.7720



116.9240, 49.8840, -0.9640



104.5870, -27.7790, -30.7150



96.2600, -91.9250, -13.5650

Rectangle

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



121.2210, 19.5720, 30.7720



118.0070, 51.9890, 21.4690



104.5870, -27.7790, -30.7150



95.2050, -82.0650, -27.0650

Sweetspot

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



121.2210, 19.5720, 30.7720



191.9830, 7.8380, 12.1420



104.9760, -16.6470, 20.8650



95.9670, 4.7670, 7.2230



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.



121.2210, 19.5720, 30.7720



146.9320, 31.3520, 48.5680



117.6870, 29.5230, 21.1310



74.1900, 2.5210, 3.8730



57.2350, 44.4610, 69.8130



6.0810, 4.4460, 7.5340

Inverse Universe

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



121.2210, 19.5720, 30.7720



146.9320, 31.3520, 48.5680



137.3130, -29.5230, -21.1310



74.1900, 2.5210, 3.8730



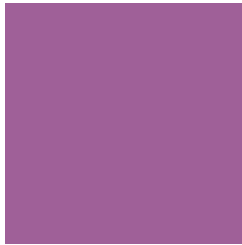
57.2350, 44.4610, 69.8130



6.0810, 4.4460, 7.5340

Previews

White Background



This preview shows how the YIQ color 121.2210, 19.5720, 30.7720 looks on a white background.

Color Contrast Check

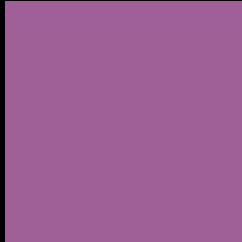
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.2210, 19.5720, 30.7720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

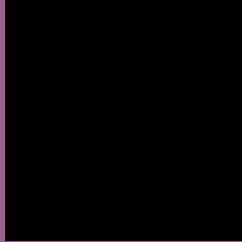
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.2210, 19.5720, 30.7720

Background



This preview shows how black text looks on a background with the YIQ color 121.2210, 19.5720, 30.7720.



This preview shows how white text looks on a background with the YIQ color 121.2210, 19.5720,

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

121.2210, 19.5720, 30.7720

Protanopia

117.6280, -24.7150, 12.8930

Deuteranopia

119.0500, -11.4640, 9.5280



Tritanopia

119.8620, 27.2320, 13.0880

Trichromacy



Original Color

121.2210, 19.5720, 30.7720

Protanomaly

119.2280, -8.6690, 19.4510

Deuteranomaly

119.8390, -0.3240, 16.8920

Tritanomaly

120.4090, 24.4340, 19.7460

Monochromacy



Original Color

121.2210, 19.5720, 30.7720

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.1570, 7.2880, 11.0960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.2210, 19.5720, 30.7720 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(159, 96, 152)` looks like.

```
.text, #text, p{  
    color:rgb(159, 96, 152)  
}
```

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(159, 96, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 96, 152) }
```

Border

The CSS property to change the border of an element to YIQ 121.2210, 19.5720, 30.7720 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(159, 96, 152) }
```


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

```
.border{ border-color:rgb(159, 96, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 96, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 96, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 96, 152);  
box-shadow:4px 4px 4px 4px rgb(159, 96,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 121.2210, 19.5720, 30.7720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 96, 152) }
```

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

```
.background{ background-color: rgb(159, 96,  
152) }
```

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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