

Converting Colors

XYZ(10.9305, 5.4896, 10.8049)

Have a look what the booklet for
XYZ(10.9305, 5.4896, 10.8049)
contains.

XYZ(10.9321, 5.4880, 10.8390)	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

**XYZ(10.9321, 5.4880,
10.8390)**

Conversions

Conversions Part 1

Format	Color
Hex	80055D
RGB	128, 5, 93
RGB Percent	50%, 2%, 36%
CMY	0.4980, 0.9803, 0.6353
CMYK	0.00, 0.96, 0.27, 0.50
HSL	317°, 92%, 26%
HSV	317°, 96%, 50%
XYZ	10.9321, 5.4880, 10.8390
YIQ	51.8090, 45.0600, 53.4440

Conversions

Conversions Part 2

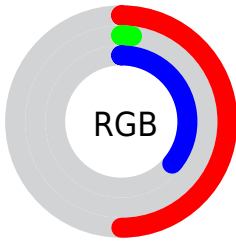
Format	Color
R_{YB}	128, 5, 93
Decimal	8389981
CIE _{Lab}	28.08, 53.15, -16.69
CIE _{LCh}	28, 55.709, 342.569
Yxy	5.4880, 0.4010, 0.2013
Android (android.graphics.Color)	4286580061 (0xFF80055D)
YUV	51.8090, 20.3072, 66.8195
Hunter-Lab	23.4265, 42.3017, -11.0339

Details

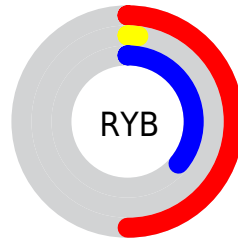
The XYZ color **10.9321, 5.4880, 10.8390** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **8.1651, 15.6240, 4.5939**, and the grayscale version is **3.2152, 3.3826, 3.6836**.

A 20% lighter version of the original color is **27.0425, 16.8082, 27.8056**, and **3.3371, 1.6611, 2.8341** is the 20% darker color. If you saturate the color by 10%, you get **10.8153, 5.3545, 10.4914**, and if you desaturate by 10%, it is **11.2564, 5.8721, 11.7623**.

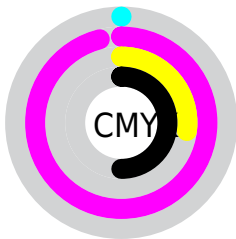
Distribution



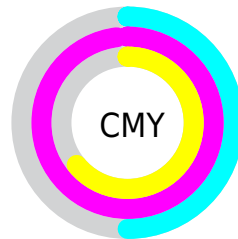
- Red (50%)
- Green (2%)
- Blue (36%)



- Red (50%)
- Yellow (2%)
- Blue (36%)



- Cyan (0%)
- Magenta (96%)
- Yellow (27%)
- Black (50%)





- Cyan (50%)
- Magenta (98%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.9321, 5.4880, 10.8390 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 XYZ color 10.9321, 5.4880, 10.8390 by changing the saturation by 10% instead.


 10.9321, 5.4880,
10.8390


 10.9321, 5.4880,
10.8390


191.1190,
154.4326, 207.2573


 6.0881, 2.5363,
5.8459


 27.1686, 16.8592,
27.9942


 2.9399, 0.8948,
2.6843

 39.2919, 26.0475,
40.9933


 1.1221, 0.0000,
0.9355

 54.5723, 38.0835,
57.4981

 0.0435, 0.0000,
0.0000


 73.3752, 53.3516,
77.9272


 0.0000, 0.0000,
0.0000


 96.0660, 72.2362,
102.6991


 123.0100, 95.1216,

132.2324

 154.5726,
122.3922, 166.9456


 10.9321, 5.4880,
10.8390


 10.9321, 5.4880,
10.8390


 10.8153, 5.3545,
10.4914

 11.2564, 5.8721,
11.7623

 11.6961, 6.4746,
12.7624

 12.2760, 7.3450,
13.8482

 13.0105, 8.5116,
15.0250

 13.9119, 9.9992,
16.2973

■ 14.9914, 11.8298,
17.6694

■ 16.2591, 14.0236,
19.1451

■ 17.7243, 16.5992,
20.7279

■ 19.3959, 19.5737,
22.4213

Harmonies

Analogous

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



8.9761, 5.4880, 21.8159



10.9321, 5.4880, 10.8390



11.0979, 5.4880, 3.5479

Triad

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



10.9321, 5.4880, 10.8390



4.2801, 5.4880, 0.0000



2.5144, 5.4880, 20.0001

Complementary

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



10.9321, 5.4880, 10.8390



8.1651, 15.6240, 4.5939

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.



1.8974, 5.4880, 9.3153



10.9321, 5.4880, 10.8390



2.6874, 5.4880, 0.5167

Square

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



10.9321, 5.4880, 10.8390



6.7148, 5.4880, 0.0000



1.9492, 5.4880, 2.8404



3.9590, 5.4880, 29.3222

Rectangle

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



10.9321, 5.4880, 10.8390



10.1167, 5.4880, 1.3261



1.9492, 5.4880, 2.8404



2.2264, 5.4880, 16.2068

Sweetspot

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



10.9323, 5.4883, 10.8391



27.7879, 23.2315, 32.7558



4.8202, 2.1156, 20.5764



6.3179, 5.1141, 7.4495



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



10.9323, 5.4883, 10.8391



18.9782, 9.4019, 18.1356



9.2126, 4.8004, 1.7833



4.4476, 4.3922, 5.1616



10.7247, 5.3096, 10.4061



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.9323, 5.4883, 10.8391



18.9782, 9.4019, 18.1356



10.1482, 16.4172, 15.0366



4.4476, 4.3922, 5.1616



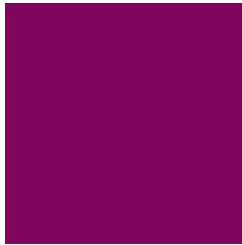
10.7247, 5.3096, 10.4061



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.9321, 5.4880, 10.8390 looks on a white background.

Color Contrast Check

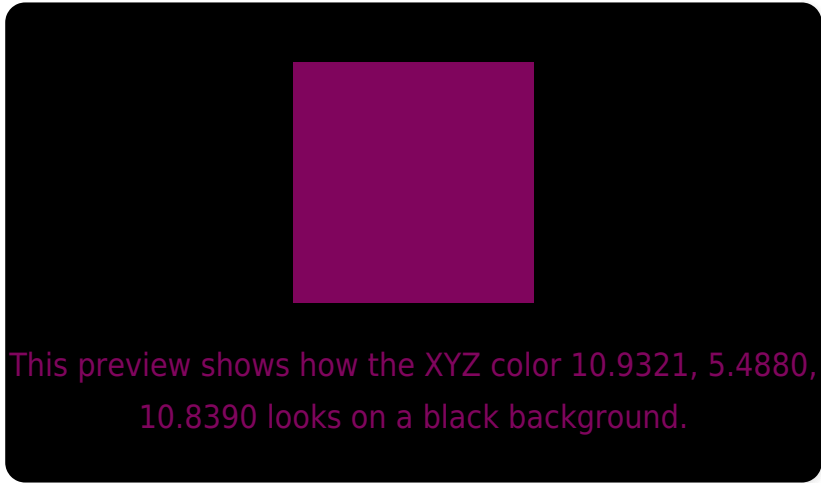
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

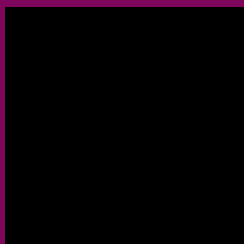
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.9321, 5.4880, 10.8390

Background



This preview shows how black text looks on a background with the XYZ color 10.9321, 5.4880, 10.8390.



This preview shows how white text looks on a background with the XYZ color 10.9321, 5.4880,

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

10.9321, 5.4880, 10.8390

Protanopia

6.7992, 6.0036, 22.6302

Deuteranopia

6.1022, 6.0157, 9.8563



Tritanopia

9.3400, 5.7547, 2.5380

Trichromacy



Original Color

10.9321, 5.4880, 10.8390

Protanomaly

6.5546, 4.3383, 17.6315

Deuteranomaly

6.8614, 4.7219, 10.0010

Tritanomaly

9.5945, 5.3710, 4.6687

Monochromacy



Original Color

10.9321, 5.4880, 10.8390

Achromatopsia

3.2640, 3.4340, 3.7396

Achromatomaly

4.9224, 3.3128, 5.6902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9321, 5.4880, 10.8390 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(128, 5, 93)` looks like.

```
.text, #text, p{  
  color:rgb(128, 5, 93)  
}
```

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(128, 5, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 5, 93) }
```

Border

The CSS property to change the border of an element to XYZ 10.9321, 5.4880, 10.8390 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(128, 5, 93) }
```


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

```
.border{ border-color:rgb(128, 5, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 5, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 5, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 5, 93);  
box-shadow:4px 4px 4px 4px rgb(128, 5, 93)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.9321, 5.4880, 10.8390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 5, 93) }
```

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

```
.background{ background-color: rgb(128, 5,  
93) }
```

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