

Converting Colors

XYZ(21.3810, 19.3909, 28.2071)

Have a look what the booklet for
XYZ(21.3810, 19.3909, 28.2071)
contains.

XYZ(21.3810, 19.3909, 28.2071)	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(21.3810, 19.3909,
28.2071)**

Conversions

Conversions Part 1

Format	Color
Hex	8A728E
RGB	138, 114, 142
RGB Percent	54%, 45%, 56%
CMY	0.4588, 0.5529, 0.4431
CMYK	0.03, 0.20, 0.00, 0.44
HSL	291°, 11%, 50%
HSV	291°, 20%, 56%
XYZ	21.3810, 19.3909, 28.2071
YIQ	124.3680, 5.3160, 13.7960

Conversions

Conversions Part 2

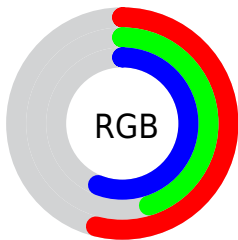
Format	Color
R_{YB}	138, 114, 142
Decimal	9073294
CIE _{Lab}	51.14, 14.69, -11.73
CIE _{LCh}	51, 18.798, 321.373
Yxy	19.3909, 0.3100, 0.2811
Android (android.graphics.Color)	4287263374 (0xFF8A728E)
YUV	124.3680, 8.6926, 11.9553
Hunter-Lab	44.0351, 9.6083, -7.1542

Details

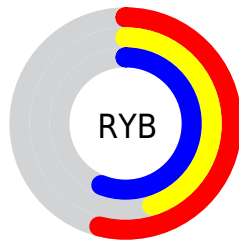
The XYZ color **21.3810, 19.3909, 28.2071** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.1822, 24.4130, 19.5690**, and the grayscale version is **19.2521, 20.2547, 22.0574**.

A 20% lighter version of the original color is **45.3383, 42.4644, 58.0314**, and **7.9045, 6.7438, 11.0103** is the 20% darker color. If you saturate the color by 10%, you get **19.5697, 16.2616, 27.6988**, and if you desaturate by 10%, it is **23.4485, 23.0225, 28.7994**.

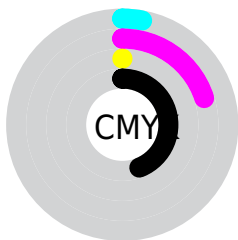
Distribution



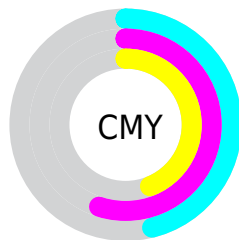
- Red (54%)
- Green (45%)
- Blue (56%)



- Red (54%)
- Yellow (45%)
- Blue (56%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)
- Black (44%)



- Cyan (46%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3810, 19.3909, 28.2071 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 21.3810, 19.3909, 28.2071 by changing the saturation by 10% instead.

■ 21.3810, 19.3909,
28.2071

■ 21.3810, 19.3909,
28.2071

251.9900,
248.5983, 307.3982

■ 13.5168, 11.9531,
18.2414

■ 45.2073, 42.3936,
57.8420

■ 7.8648, 6.7117,
10.9522

■ 61.9001, 58.7272,
78.3483

■ 4.0597, 3.2825,
5.9210

■ 82.2665, 78.7950,
103.2052

■ 1.7359, 1.2809,
2.7291

■ 106.6719,
102.9811, 132.8313

■ 0.4786, 0.1264,
0.9580

135.4816,
131.6702, 167.6451

■ 0.0000, 0.0000,
0.0000

169.0609,

165.2465, 208.0652

207.7753,
204.0944, 254.5100

■ 21.3810, 19.3909,
28.2071

■ 21.3810, 19.3909,
28.2071

■ 19.5697, 16.2616,
27.6988

■ 23.4485, 23.0225,
28.7994

■ 18.0012, 13.6091,
27.2695

■ 25.7810, 27.1752,
29.4780

■ 16.6639, 11.4096,
26.9155

■ 28.3894, 31.8702,
30.2467

■ 15.5441, 9.6362,
26.6322

■ 31.2830, 37.1263,
31.1088

■ 14.6271, 8.2591,
26.4147

■ 34.4712, 42.9619,
32.0671

■ 13.8960, 7.2447,
26.2574

■ 37.9625, 49.3942,
33.1247

■ 13.3310, 6.5537,
26.1538

■ 41.7652, 56.4399,
34.2842

■ 12.8805, 6.0826,
26.0867

■ 45.8875, 64.1148,
35.5483

■ 12.8680, 6.0697,
26.0848

■ 50.3369, 72.4345,
36.9197

Harmonies

Analogous

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



19.7706, 19.3909, 32.2132



21.3810, 19.3909, 28.2071



22.2142, 19.3909, 22.6942

Triad

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



21.3810, 19.3909, 28.2071



18.9745, 19.3909, 12.4894



15.2842, 19.3909, 25.0881

Complementary

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



21.3810, 19.3909, 28.2071



20.1822, 24.4130, 19.5690

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.



15.1028, 19.3909, 19.6078



21.3810, 19.3909, 28.2071



17.1523, 19.3909, 12.9105

Square

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



21.3810, 19.3909, 28.2071



20.7646, 19.3909, 14.0542



15.7647, 19.3909, 15.3215



16.2782, 19.3909, 30.2113

Rectangle

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



21.3810, 19.3909, 28.2071



22.1804, 19.3909, 19.1494



15.7647, 19.3909, 15.3215



15.1290, 19.3909, 23.2073

Sweetspot

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



21.3816, 19.3917, 28.2075



42.7713, 43.1200, 51.1966



18.3248, 18.5354, 28.2033



9.5038, 9.5434, 11.4206



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.3816, 19.3917, 28.2075



36.1212, 31.4477, 49.2941



21.3518, 19.4577, 24.5326



5.5516, 5.4725, 6.7925



11.5651, 5.4556, 23.4206



0.1240, 0.0591, 0.2245

Inverse Universe

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



20.4434, 19.0943, 19.7487



34.1571, 30.8319, 31.2763



20.2386, 24.3741, 22.6413



5.4383, 5.4359, 5.8063



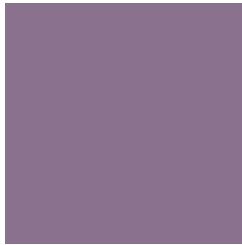
10.1360, 5.2114, 1.1017



0.1017, 0.0518, 0.0360

Previews

White Background



This preview shows how the XYZ color 21.3810, 19.3909, 28.2071 looks on a white background.

Color Contrast Check

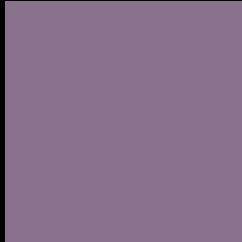
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.3810, 19.3909, 28.2071 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](#).

XYZ 21.3810, 19.3909, 28.2071

Background



This preview shows how black text looks on a background with the XYZ color 21.3810, 19.3909, 28.2071.



This preview shows how white text looks on a background with the XYZ color 21.3810, 19.3909,

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

21.3810, 19.3909, 28.2071

Protanopia

19.3063, 19.4943, 30.3490

Deuteranopia

19.8620, 19.4767, 27.9118



Tritanopia

20.2805, 19.4632, 22.4265

Trichromacy



Original Color

21.3810, 19.3909, 28.2071

Protanomaly

19.9014, 19.2863, 29.4618

Deuteranomaly

20.3749, 19.3915, 27.8684

Tritanomaly

20.7268, 19.4751, 24.4964

Monochromacy



Original Color

21.3810, 19.3909, 28.2071

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.8665, 19.7388, 24.2356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3810, 19.3909, 28.2071 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(138, 114, 142) looks like.

```
.text, #text, p{  
    color:rgb(138, 114, 142)  
}
```

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(138, 114, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 114, 142) }
```

Border

The CSS property to change the border of an element to XYZ 21.3810, 19.3909, 28.2071 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(138, 114, 142) }
```


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

```
.border{ border-color:rgb(138, 114, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 114, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 114, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 114, 142);  
box-shadow:4px 4px 4px 4px rgb(138, 114,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3810, 19.3909, 28.2071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 114, 142) }
```

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

```
.background{ background-color: rgb(138,  
114, 142) }
```

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