

Converting Colors

XYZ(21.4906, 19.2103, 21.3350)

Have a look what the booklet for
XYZ(21.4906, 19.2103, 21.3350)
contains.

XYZ(21.5821, 19.3143, 21.3294)	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(21.5821, 19.3143,
21.3294)**

Conversions

Conversions Part 1

Format	Color
Hex	94707B
RGB	148, 112, 123
RGB Percent	58%, 44%, 48%
CMY	0.4196, 0.5608, 0.5176
CMYK	0.00, 0.24, 0.17, 0.42
HSL	342°, 14%, 51%
HSV	342°, 24%, 58%
XYZ	21.5821, 19.3143, 21.3294
YIQ	124.0180, 17.9250, 11.0530

Conversions

Conversions Part 2

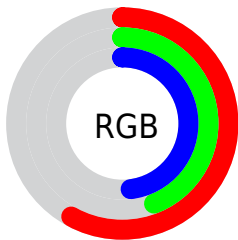
Format	Color
R_{YB}	148, 112, 123
Decimal	9728123
CIE _{Lab}	51.05, 16.02, -0.55
CIE _{LCh}	51, 16.027, 358.047
Yxy	19.3143, 0.3468, 0.3104
Android (android.graphics.Color)	4287918203 (0xFF94707B)
YUV	124.0180, -0.5019, 21.0322
Hunter-Lab	43.9480, 10.7491, 1.9883

Details

The XYZ color **21.5821, 19.3143, 21.3294** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.7882, 26.4313, 27.6217**, and the grayscale version is **19.1621, 20.1600, 21.9542**.

A 20% lighter version of the original color is **45.6419, 42.3426, 46.3248**, and **7.9992, 6.7026, 7.3507** is the 20% darker color. If you saturate the color by 10%, you get **19.4714, 16.0690, 17.6162**, and if you desaturate by 10%, it is **24.0299, 23.1252, 25.4887**.

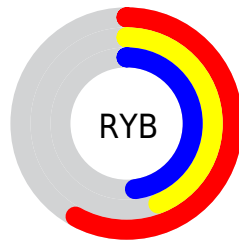
Distribution



Red (58%)

Green (44%)

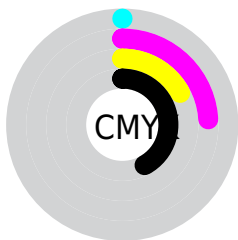
Blue (48%)



Red (58%)

Yellow (44%)

Blue (48%)

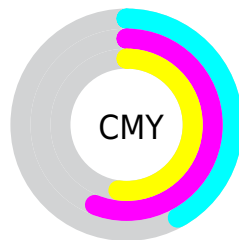


Cyan (0%)

Magenta (24%)

Yellow (17%)

Black (42%)



Cyan (42%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5821, 19.3143, 21.3294 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 21.5821, 19.3143, 21.3294 by changing the saturation by 10% instead.

■ 21.5821, 19.3143,
21.3294

■ 21.5821, 19.3143,
21.3294

253.0296,
248.1784, 271.8622

■ 13.6650, 11.8976,
13.1714

■ 45.5383, 42.2645,
46.5230

■ 7.9682, 6.6740,
7.4146

■ 62.3082, 58.5668,
64.3957

■ 4.1262, 3.2591,
3.6403

■ 82.7598, 78.5998,
86.3437

■ 1.7738, 1.2684,
1.4302

■ 107.2583,
102.7478, 112.7855

■ 0.5018, 0.1166,
0.1651

136.1692,
131.3953, 144.1398

■ 0.0000, 0.0000,
0.0000

169.8578,

164.9267, 180.8249

208.6895,
203.7262, 223.2596

■ 21.5821, 19.3143,
21.3294

■ 21.5821, 19.3143,
21.3294

■ 19.4714, 16.0690,
17.6162

■ 24.0299, 23.1252,
25.4887

■ 17.6810, 13.3597,
14.3328

■ 26.8273, 27.5244,
30.1076

■ 16.1951, 11.1580,
11.4632

■ 29.9884, 32.5363,
35.2002

■ 14.9957, 9.4317,
8.9901

■ 33.5256, 38.1834,
40.7797

■ 14.0630, 8.1452,
6.8949

■ 37.4511, 44.4868,
46.8590

■ 13.3745, 7.2573,
5.1573

■ 41.7763, 51.4669,
53.4502

■ 12.9027, 6.7178,
3.7544

■ 46.5123, 59.1430,
60.5652

■ 12.6907, 6.4871,
3.0876

■ 51.6695, 67.5337,
68.2153

■ 57.2583, 76.6569,
76.4116

Harmonies

Analogous

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



21.0727, 19.3143, 26.0065



21.5821, 19.3143, 21.3294



21.1870, 19.3143, 17.1797

Triad

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



21.5821, 19.3143, 21.3294



16.9588, 19.3143, 14.2168



16.7884, 19.3143, 29.3582

Complementary

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



21.5821, 19.3143, 21.3294



21.7882, 26.4313, 27.6217

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.



15.7921, 19.3143, 25.4164



21.5821, 19.3143, 21.3294



15.8864, 19.3143, 16.7326

Square

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



21.5821, 19.3143, 21.3294



18.4619, 19.3143, 13.4440



15.4715, 19.3143, 20.7334



18.2538, 19.3143, 31.0382

Rectangle

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



21.5821, 19.3143, 21.3294



20.4759, 19.3143, 15.1730



15.4715, 19.3143, 20.7334



16.3908, 19.3143, 28.2282

Sweetspot

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



21.5826, 19.3152, 21.3298



45.8804, 46.2703, 50.7431



21.3913, 19.0120, 30.5595



10.4145, 10.4696, 11.4866



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.5826, 19.3152, 21.3298



36.0506, 30.9484, 34.0943



21.6874, 20.5653, 18.1567



5.8694, 5.8428, 6.4185



10.8508, 5.5454, 2.6953



0.1448, 0.0726, 0.0959

Inverse Universe

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



21.5826, 19.3152, 21.3298



36.0506, 30.9484, 34.0943



21.6121, 24.7514, 31.6557



5.8694, 5.8428, 6.4185



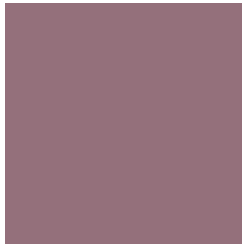
10.8508, 5.5454, 2.6953



0.1448, 0.0726, 0.0959

Previews

White Background



This preview shows how the XYZ color 21.5821, 19.3143, 21.3294 looks on a white background.

Color Contrast Check

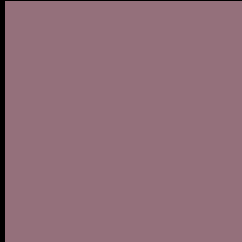
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5821, 19.3143, 21.3294 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 21.5821, 19.3143, 21.3294

Background



This preview shows how black text looks on a background with the XYZ color 21.5821, 19.3143, 21.3294.



This preview shows how white text looks on a background with the XYZ color 21.5821, 19.3143,

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

21.5821, 19.3143, 21.3294

Protanopia

18.7597, 19.3708, 23.1723

Deuteranopia

19.6642, 19.3486, 21.1106



Tritanopia

21.4581, 19.2647, 20.6767

Trichromacy



Original Color

21.5821, 19.3143, 21.3294

Protanomaly

19.6044, 19.2885, 22.4285

Deuteranomaly

20.2395, 19.2992, 21.0707

Tritanomaly

21.5198, 19.2894, 21.0014

Monochromacy



Original Color

21.5821, 19.3143, 21.3294

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.0274, 19.8747, 21.8494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5821, 19.3143, 21.3294 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(148, 112, 123) looks like.

```
.text, #text, p{  
    color:rgb(148, 112, 123)  
}
```

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(148, 112, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 112, 123) }
```

Border

The CSS property to change the border of an element to XYZ 21.5821, 19.3143, 21.3294 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(148, 112, 123) }
```


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

```
.border{ border-color:rgb(148, 112, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 112, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 112, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 112, 123);  
box-shadow:4px 4px 4px 4px rgb(148, 112,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5821, 19.3143, 21.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 112, 123) }
```

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

```
.background{ background-color: rgb(148,  
112, 123) }
```

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