

Converting Colors

XYZ(20.8071, 17.8155, 21.0013)

Have a look what the booklet for
XYZ(20.8071, 17.8155, 21.0013)
contains.

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Color

**XYZ(20.8395, 17.8291,
21.0819)**

Conversions

Conversions Part 1

Format	Color
Hex	94697B
RGB	148, 105, 123
RGB Percent	58%, 41%, 48%
CMY	0.4196, 0.5882, 0.5176
CMYK	0.00, 0.29, 0.17, 0.42
HSL	335°, 17%, 50%
HSV	335°, 29%, 58%
XYZ	20.8395, 17.8291, 21.0819
YIQ	119.9090, 19.8500, 14.7140

Conversions

Conversions Part 2

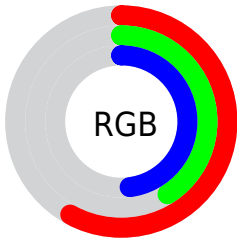
Format	Color
R_{YB}	148, 105, 123
Decimal	9726331
CIE _{Lab}	49.29, 20.08, -3.14
CIE _{LCh}	49, 20.328, 351.121
Yxy	17.8291, 0.3488, 0.2984
Android (android.graphics.Color)	4287916411 (0xFF94697B)
YUV	119.9090, 1.5239, 24.6358
Hunter-Lab	42.2245, 14.2040, -0.0452

Details

The XYZ color **20.8395, 17.8291, 21.0819** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.4456, 25.7953, 25.0217**, and the grayscale version is **17.8148, 18.7425, 20.4106**.

A 20% lighter version of the original color is **44.4234, 39.9056, 45.9186**, and **7.5230, 5.9075, 7.2223** is the 20% darker color. If you saturate the color by 10%, you get **18.9461, 14.8666, 17.9088**, and if you desaturate by 10%, it is **23.0437, 21.3369, 24.5926**.

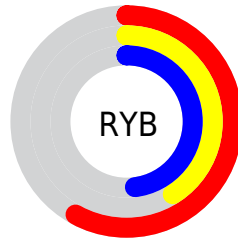
Distribution



Red (58%)

Green (41%)

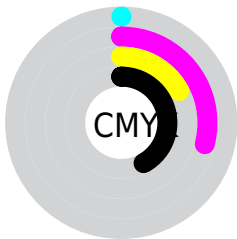
Blue (48%)



Red (58%)

Yellow (41%)

Blue (48%)

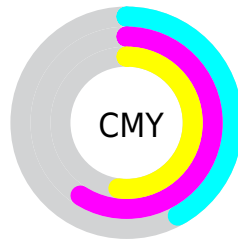


Cyan (0%)

Magenta (29%)

Yellow (17%)

Black (42%)



Cyan (42%)

Magenta (59%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8395, 17.8291, 21.0819 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 20.8395, 17.8291, 21.0819 by changing the saturation by 10% instead.

■ 20.8395, 17.8291,
21.0819

■ 20.8395, 17.8291,
21.0819

249.1722,
239.9060, 270.5088

■ 13.1185, 10.8274,
12.9921

■ 44.3136, 39.7459,
46.1064

■ 7.5878, 5.9509,
7.2924

■ 60.7973, 55.4298,
63.8781

■ 3.8819, 2.8152,
3.5644

■ 80.9328, 74.7764,
85.7141

■ 1.6355, 1.0360,
1.3896

■ 105.0852, 98.1703,
112.0331

■ 0.4154, 0.0000,
0.1336

133.6200,
125.9958, 143.2535

■ 0.0000, 0.0000,
0.0000

166.9026,

158.6374, 179.7939

205.2982,
196.4793, 222.0728

■ 20.8395, 17.8291,
21.0819

■ 20.8395, 17.8291,
21.0819

■ 18.9461, 14.8666,
17.9088

■ 23.0437, 21.3369,
24.5926

■ 17.3470, 12.4193,
15.0614

■ 25.5709, 25.4132,
28.4502

■ 16.0268, 10.4578,
12.5284

■ 28.4345, 30.0829,
32.6649

■ 14.9678, 8.9488,
10.2973

■ 31.6467, 35.3687,
37.2463

■ 14.1500, 7.8549,
8.3548

■ 35.2192, 41.2919,
42.2033

■ 13.5504, 7.1323,
6.6860

■ 39.1628, 47.8731,
47.5446

■ 13.1187, 6.6827,
5.2666

■ 43.4883, 55.1316,
53.2789

■ 13.0810, 6.6432,
5.1428

■ 48.2057, 63.0863,
59.4140

■ 53.3247, 71.7551,
65.9581

Harmonies

Analogous

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



19.9686, 17.8291, 26.7910



20.8395, 17.8291, 21.0819



20.6077, 17.8291, 15.8643

Triad

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



20.8395, 17.8291, 21.0819



15.6569, 17.8291, 11.1619



14.7439, 17.8291, 28.8053

Complementary

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



20.8395, 17.8291, 21.0819



20.4456, 25.7953, 25.0217

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.



13.7460, 17.8291, 23.4546



20.8395, 17.8291, 21.0819



14.2449, 17.8291, 13.5313

Square

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



20.8395, 17.8291, 21.0819



17.5192, 17.8291, 10.7653



13.5705, 17.8291, 17.8343



16.3855, 17.8291, 31.7686

Rectangle

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



20.8395, 17.8291, 21.0819



19.8658, 17.8291, 13.2851



13.5705, 17.8291, 17.8343



14.3274, 17.8291, 27.1836

Sweetspot

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



20.8400, 17.8299, 21.0823



45.0574, 44.7415, 50.1076



19.5067, 16.9381, 30.2585



10.1417, 9.9802, 11.2222



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.



20.8400, 17.8299, 21.0823



34.4903, 27.8804, 33.4114



20.1117, 18.0137, 15.7825



5.8955, 5.8533, 6.5557



11.1862, 5.6795, 4.4614



0.1511, 0.0752, 0.1291

Inverse Universe

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



20.8400, 17.8299, 21.0823



34.4903, 27.8804, 33.4114



21.3174, 25.4335, 31.8029



5.8955, 5.8533, 6.5557



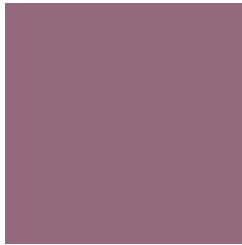
11.1862, 5.6795, 4.4614



0.1511, 0.0752, 0.1291

Previews

White Background



This preview shows how the XYZ color 20.8395, 17.8291, 21.0819 looks on a white background.

Color Contrast Check

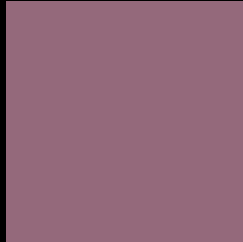
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 20.8395, 17.8291, 21.0819 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 20.8395, 17.8291, 21.0819

Background



This preview shows how black text looks on a background with the XYZ color 20.8395, 17.8291, 21.0819.



This preview shows how white text looks on a background with the XYZ color 20.8395, 17.8291,

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

20.8395, 17.8291, 21.0819

Protanopia

17.5930, 18.0473, 23.6753

Deuteranopia

18.2209, 17.9271, 20.5891



Tritanopia

20.2812, 17.7489, 18.5766

Trichromacy



Original Color

20.8395, 17.8291, 21.0819

Protanomaly

18.6380, 17.9318, 22.5575

Deuteranomaly

19.1890, 17.9249, 20.8608

Tritanomaly

20.4567, 17.8191, 19.5008

Monochromacy



Original Color

20.8395, 17.8291, 21.0819

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.7878, 18.3878, 20.6481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8395, 17.8291, 21.0819 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, 105, 123)` looks like.

```
.text, #text, p{  
    color:rgb(148, 105, 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, 105, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 105, 123) }
```

Border

The CSS property to change the border of an element to XYZ 20.8395, 17.8291, 21.0819 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, 105, 123) }
```


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

```
.border{ border-color:rgb(148, 105, 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, 105, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 105, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 105, 123);  
box-shadow:4px 4px 4px 4px rgb(148, 105,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8395, 17.8291, 21.0819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 105, 123) }
```

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

```
.background{ background-color: rgb(148,  
105, 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](#).

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