

Converting Colors

XYZ(20.0170, 17.2773, 17.4381)

Have a look what the booklet for
XYZ(20.0170, 17.2773, 17.4381)
contains.

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Color

**XYZ(20.0323, 17.3442,
17.3309)**

Conversions

Conversions Part 1

Format	Color
Hex	94686F
RGB	148, 104, 111
RGB Percent	58%, 41%, 44%
CMY	0.4196, 0.5921, 0.5647
CMYK	0.00, 0.30, 0.25, 0.42
HSL	350°, 17%, 49%
HSV	350°, 30%, 58%
XYZ	20.0323, 17.3442, 17.3309
YIQ	117.9540, 23.9770, 11.5050

Conversions

Conversions Part 2

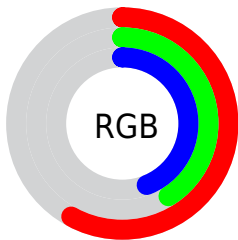
Format	Color
R_{YB}	148, 104, 111
Decimal	9726063
CIE _{Lab}	48.69, 18.72, 3.15
CIE _{LCh}	49, 18.978, 9.546
Yxy	17.3442, 0.3662, 0.3170
Android (android.graphics.Color)	4287916143 (0xFF94686F)
YUV	117.9540, -3.4283, 26.3503
Hunter-Lab	41.6464, 12.9791, 4.4793

Details

The XYZ color **20.0323, 17.3442, 17.3309** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.1073, 26.0464, 29.1155**, and the grayscale version is **17.2110, 18.1073, 19.7189**.

A 20% lighter version of the original color is **42.9608, 38.7835, 39.8720**, and **7.1352, 5.6740, 5.4218** is the 20% darker color. If you saturate the color by 10%, you get **18.0330, 14.3670, 13.5157**, and if you desaturate by 10%, it is **22.3895, 20.8842, 21.7370**.

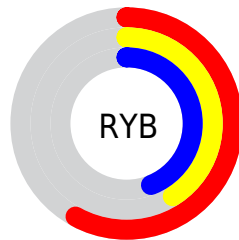
Distribution



Red (58%)

Green (41%)

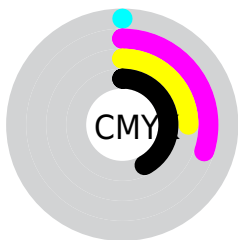
Blue (44%)



Red (58%)

Yellow (41%)

Blue (44%)

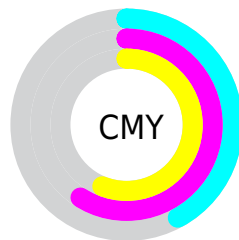


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (42%)



Cyan (42%)

Magenta (59%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0323, 17.3442, 17.3309 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 20.0323, 17.3442, 17.3309 by changing the saturation by 10% instead.

■ 20.0323, 17.3442,
17.3309

■ 20.0323, 17.3442,
17.3309

244.9202,
237.1482, 249.1803

■ 12.5269, 10.4802,
10.3062

■ 42.9749, 38.9166,
39.6923

■ 7.1783, 5.7185,
5.4942

■ 59.1428, 54.3939,
55.8660

■ 3.6212, 2.6747,
2.4763

■ 78.9289, 73.5109,
75.9266

■ 1.4902, 0.9643,
0.8276

■ 102.6986, 96.6523,
100.2925

■ 0.3191, 0.0000,
0.0000

130.8172,
124.2023, 129.3823

■ 0.0000, 0.0000,
0.0000

163.6501,

156.5453, 163.6145

201.5626,
194.0658, 203.4076

■ 20.0323, 17.3442,
17.3309

■ 20.0323, 17.3442,
17.3309

■ 18.0330, 14.3670,
13.5157

■ 22.3895, 20.8842,
21.7370

■ 16.3727, 11.9212,
10.2651

■ 25.1196, 25.0113,
26.7566

■ 15.0326, 9.9761,
7.5523

■ 28.2384, 29.7515,
32.4124

■ 13.9918, 8.4970,
5.3481

■ 31.7604, 35.1284,
38.7258

■ 13.2267, 7.4445,
3.6201

■ 35.6993, 41.1644,
45.7170

■ 12.7099, 6.7727,
2.3325

■ 40.0682, 47.8807,
53.4054

■ 12.3808, 6.3701,
1.4345

■ 44.8796, 55.2977,
61.8096

■ 12.3729, 6.3600,
1.4146

■ 50.1456, 63.4350,
70.9475

■ 55.8777, 72.3111,
80.8365

Harmonies

Analogous

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



19.8443, 17.3442, 22.4579



20.0323, 17.3442, 17.3309



19.2193, 17.3442, 13.3881

Triad

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



20.0323, 17.3442, 17.3309



14.4336, 17.3442, 12.3841



15.3366, 17.3442, 29.4335

Complementary

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



20.0323, 17.3442, 17.3309



21.1073, 26.0464, 29.1155

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.



14.0234, 17.3442, 25.7116



20.0323, 17.3442, 17.3309



13.5282, 17.3442, 15.7125

Square

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



20.0323, 17.3442, 17.3309



15.9332, 17.3442, 10.8844



13.3836, 17.3442, 20.5291



17.0497, 17.3442, 30.0757

Rectangle

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



20.0323, 17.3442, 17.3309



18.2507, 17.3442, 11.7342



13.3836, 17.3442, 20.5291



14.8373, 17.3442, 28.4733

Sweetspot

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



20.0328, 17.3450, 17.3313



44.6055, 44.5608, 47.7276



21.2241, 17.6731, 30.3097



10.0250, 9.9335, 10.6077



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.



20.0328, 17.3450, 17.3313



32.8154, 26.8295, 25.7663



21.2692, 20.4105, 15.9163



5.8362, 5.8295, 6.2435



10.5755, 5.4353, 1.2457



0.1366, 0.0694, 0.0528

Inverse Universe

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



20.0328, 17.3450, 17.3313



32.8154, 26.8295, 25.7663



19.4881, 21.9483, 31.2264



5.8362, 5.8295, 6.2435



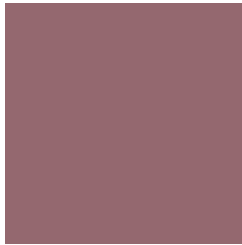
10.5755, 5.4353, 1.2457



0.1366, 0.0694, 0.0528

Previews

White Background



This preview shows how the XYZ color 20.0323, 17.3442, 17.3309 looks on a white background.

Color Contrast Check

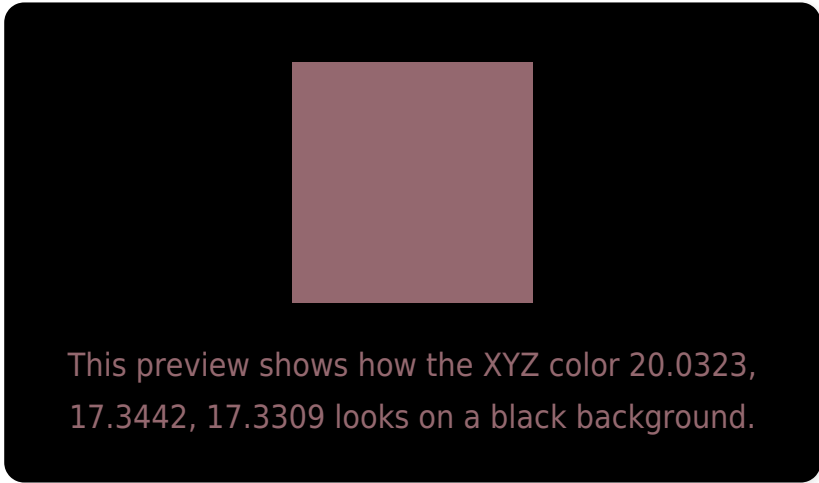
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

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

XYZ 20.0323, 17.3442, 17.3309

Background



This preview shows how black text looks on a background with the XYZ color 20.0323, 17.3442, 17.3309.



This preview shows how white text looks on a background with the XYZ color 20.0323, 17.3442,

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

20.0323, 17.3442, 17.3309

Protanopia

16.8128, 17.3974, 19.3015

Deuteranopia

17.8146, 17.4600, 17.1830



Tritanopia

20.0877, 17.3664, 17.6225

Trichromacy



Original Color

20.0323, 17.3442, 17.3309

Protanomaly

17.8322, 17.2738, 18.6140

Deuteranomaly

18.5996, 17.3814, 17.1265

Tritanomaly

20.0877, 17.3664, 17.6225

Monochromacy



Original Color

20.0323, 17.3442, 17.3309

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.0529, 17.7152, 18.6875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0323, 17.3442, 17.3309 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, 104, 111)` looks like.

```
.text, #text, p{  
    color:rgb(148, 104, 111)  
}
```

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, 104, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 104, 111) }
```

Border

The CSS property to change the border of an element to XYZ 20.0323, 17.3442, 17.3309 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, 104, 111) }
```


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

```
.border{ border-color:rgb(148, 104, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 104, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 104, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 104, 111);  
box-shadow:4px 4px 4px 4px rgb(148, 104,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0323, 17.3442, 17.3309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 104, 111) }
```

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

```
.background{ background-color: rgb(148,  
104, 111) }
```

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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