

Converting Colors

XYZ(20.0033, 18.5402, 20.9615)

Have a look what the booklet for
XYZ(20.0033, 18.5402, 20.9615)
contains.

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Color

**XYZ(19.9545, 18.4824,
20.9281)**

Conversions

Conversions Part 1

Format	Color
Hex	8B707A
RGB	139, 112, 122
RGB Percent	55%, 44%, 48%
CMY	0.4549, 0.5608, 0.5216
CMYK	0.00, 0.19, 0.12, 0.45
HSL	338°, 11%, 49%
HSV	338°, 19%, 55%
XYZ	19.9545, 18.4824, 20.9281
YIQ	121.2130, 12.8820, 8.8340

Conversions

Conversions Part 2

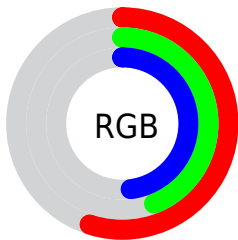
Format	Color
R_{YB}	139, 112, 122
Decimal	9138298
CIE _{Lab}	50.08, 12.36, -1.50
CIE _{LCh}	50, 12.449, 353.092
Yxy	18.4824, 0.3361, 0.3113
Android (android.graphics.Color)	4287328378 (0xFF8B707A)
YUV	121.2130, 0.3880, 15.5992
Hunter-Lab	42.9912, 7.6169, 1.2314

Details

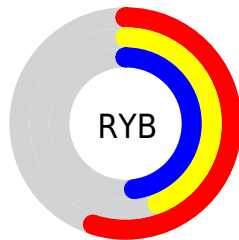
The XYZ color **19.9545, 18.4824, 20.9281** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.8779, 23.4955, 24.2574**, and the grayscale version is **18.2391, 19.1890, 20.8968**.

A 20% lighter version of the original color is **42.9078, 40.9444, 45.6860**, and **7.1558, 6.2717, 7.1367** is the 20% darker color. If you saturate the color by 10%, you get **18.0196, 15.4415, 17.7269**, and if you desaturate by 10%, it is **22.1761, 22.0180, 24.4663**.

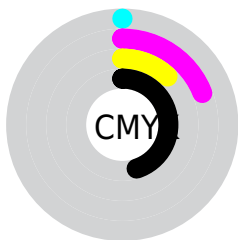
Distribution



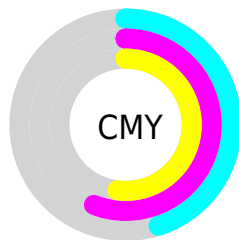
- Red (55%)
- Green (44%)
- Blue (48%)



- Red (55%)
- Yellow (44%)
- Blue (48%)



- Cyan (0%)
- Magenta (19%)
- Yellow (12%)
- Black (45%)



- Cyan (45%)
- Magenta (56%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9545, 18.4824, 20.9281 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 19.9545, 18.4824, 20.9281 by changing the saturation by 10% instead.

■ 19.9545, 18.4824,
20.9281

■ 19.9545, 18.4824,
20.9281

244.5070,
243.5762, 269.6646

■ 12.4700, 11.2969,
12.8807

■ 42.8454, 40.8576,
45.8471

■ 7.1391, 6.2669,
7.2167

■ 58.9826, 56.8161,
63.5558

■ 3.5964, 3.0080,
3.5175

■ 78.7347, 76.4677,
85.3220

■ 1.4764, 1.1359,
1.3646

■ 102.4671,
100.1968, 111.5642

■ 0.3097, 0.0084,
0.1138

130.5452,
128.3878, 142.7011

■ 0.0000, 0.0000,
0.0000

163.3343,

161.4251, 179.1511

201.1998,
199.6931, 221.3327

■ 19.9545, 18.4824,
20.9281

■ 19.9545, 18.4824,
20.9281

■ 18.0196, 15.4415,
17.7269

■ 22.1761, 22.0180,
24.4663

■ 16.3576, 12.8708,
14.8512

■ 24.6943, 26.0667,
28.3503

■ 14.9563, 10.7471,
12.2905

■ 27.5201, 30.6488,
32.5898

■ 13.8013, 9.0445,
10.0331

■ 30.6639, 35.7828,
37.1940

■ 12.8772, 7.7343,
8.0666

■ 34.1354, 41.4865,
42.1716

■ 12.1666, 6.7841,
6.3777

■ 37.9438, 47.7766,
47.5310

■ 11.6494, 6.1564,
4.9515

■ 42.0980, 54.6693,
53.2804

■ 11.2757, 5.7542,
3.7628

■ 46.6067, 62.1801,
59.4276

■ 11.2557, 5.7323,
3.7003

■ 51.4780, 70.3241,
65.9803

Harmonies

Analogous

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



19.4741, 18.4824, 24.3517



19.9545, 18.4824, 20.9281



19.7723, 18.4824, 17.6459

Triad

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



19.9545, 18.4824, 20.9281



16.6789, 18.4824, 14.6451



16.2196, 18.4824, 25.8738

Complementary

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



19.9545, 18.4824, 20.9281



19.8779, 23.4955, 24.2574

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.



15.5320, 18.4824, 22.8242



19.9545, 18.4824, 20.9281



15.7886, 18.4824, 16.4167

Square

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



19.9545, 18.4824, 20.9281



17.8455, 18.4824, 14.2596



15.3779, 18.4824, 19.3411



17.2914, 18.4824, 27.4098

Rectangle

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



19.9545, 18.4824, 20.9281



19.3034, 18.4824, 15.9452



15.3779, 18.4824, 19.3411



15.9379, 18.4824, 24.9762

Sweetspot

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



19.9550, 18.4832, 20.9285



41.1380, 41.7136, 46.0350



19.4552, 18.0930, 26.8934



9.4230, 9.5216, 10.5203



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.



19.9550, 18.4832, 20.9285



34.2617, 30.7744, 35.0694



19.7206, 18.9553, 17.9495



5.1045, 5.0772, 5.6386



10.1664, 5.1767, 3.3806



0.0742, 0.0370, 0.0575

Inverse Universe

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



19.9550, 18.4832, 20.9285



34.2617, 30.7744, 35.0694



20.1260, 22.8755, 27.7811



5.1045, 5.0772, 5.6386



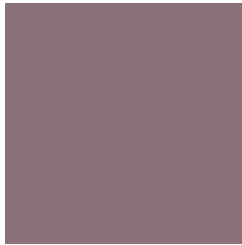
10.1664, 5.1767, 3.3806



0.0742, 0.0370, 0.0575

Previews

White Background



This preview shows how the XYZ color 19.9545, 18.4824, 20.9281 looks on a white background.

Color Contrast Check

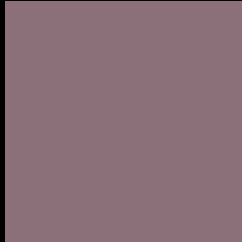
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9545, 18.4824, 20.9281 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

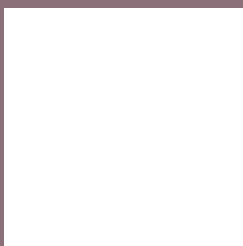
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9545, 18.4824, 20.9281

Background



This preview shows how black text looks on a background with the XYZ color 19.9545, 18.4824, 20.9281.



This preview shows how white text looks on a background with the XYZ color 19.9545, 18.4824,

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

19.9545, 18.4824, 20.9281

Protanopia

18.1084, 18.6931, 22.3924

Deuteranopia

18.9025, 18.6171, 20.6863



Tritanopia

19.8928, 18.4578, 20.6034

Trichromacy



Original Color

19.9545, 18.4824, 20.9281

Protanomaly

18.6995, 18.4835, 21.9841

Deuteranomaly

19.2548, 18.6285, 20.6700

Tritanomaly

19.8928, 18.4578, 20.6034

Monochromacy



Original Color

19.9545, 18.4824, 20.9281

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.8317, 18.9265, 20.7498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9545, 18.4824, 20.9281 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(139, 112, 122) looks like.

```
.text, #text, p{  
    color:rgb(139, 112, 122)  
}
```

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(139, 112, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 112, 122) }
```

Border

The CSS property to change the border of an element to XYZ 19.9545, 18.4824, 20.9281 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(139, 112, 122) }
```


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

```
.border{ border-color:rgb(139, 112, 122) }
```

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

Here you see how a box with a 4 pixel rgb(139, 112, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 112, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 112, 122);  
box-shadow:4px 4px 4px 4px rgb(139, 112,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9545, 18.4824, 20.9281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 112, 122) }
```

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

```
.background{ background-color: rgb(139,  
112, 122) }
```

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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