

Converting Colors

XYZ(19.5445, 20.1443, 24.3870)

Have a look what the booklet for
XYZ(19.5445, 20.1443, 24.3870)
contains.

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Color

**XYZ(19.4919, 20.0897,
24.3231)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7B83
RGB	124, 123, 131
RGB Percent	49%, 48%, 51%
CMY	0.5137, 0.5176, 0.4863
CMYK	0.05, 0.06, 0.00, 0.49
HSL	247°, 3%, 50%
HSV	247°, 6%, 51%
XYZ	19.4919, 20.0897, 24.3231
YIQ	124.2110, -1.9720, 2.7000

Conversions

Conversions Part 2

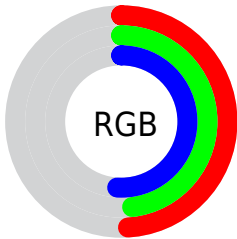
Format	Color
R_{YB}	124, 123, 131
Decimal	8158083
CIE Lab	51.94, 2.02, -4.22
CIE LCh	52, 4.675, 295.557
Yxy	20.0897, 0.3050, 0.3144
Android (android.graphics.Color)	4286348163 (0xFF7C7B83)
YUV	124.2110, 3.3470, -0.1850
Hunter-Lab	44.8215, -0.8120, -0.7996

Details

The XYZ color **19.4919, 20.0897, 24.3231** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.8981, 22.4090, 21.9638**, and the grayscale version is **19.2187, 20.2196, 22.0191**.

A 20% lighter version of the original color is **42.1132, 43.4677, 51.5179**, and **6.8734, 7.0026, 8.9720** is the 20% darker color. If you saturate the color by 10%, you get **16.4128, 16.2497, 23.7445**, and if you desaturate by 10%, it is **22.9823, 24.4657, 24.9841**.

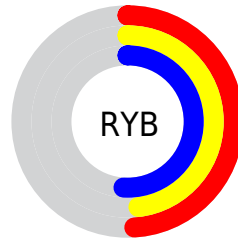
Distribution



Red (49%)

Green (48%)

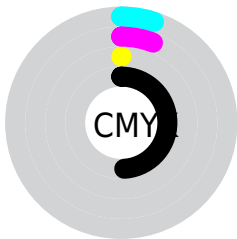
Blue (51%)



Red (49%)

Yellow (48%)

Blue (51%)

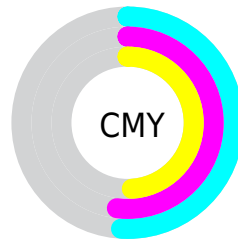


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (49%)



Cyan (51%)

Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4919, 20.0897, 24.3231 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 19.4919, 20.0897, 24.3231 by changing the saturation by 10% instead.

■ 19.4919, 20.0897,
24.3231

■ 19.4919, 20.0897,
24.3231

242.0374,
252.4003, 287.7889

■ 12.1324, 12.4603,
15.3591

■ 42.0741, 43.5675,
51.5074

■ 6.9067, 7.0580,
8.9224

■ 58.0275, 60.1847,
70.5647

■ 3.4496, 3.4984,
4.5944

■ 77.5763, 80.5666,
93.8235

■ 1.3958, 1.3971,
1.9568

101.0857,
105.0975, 121.7023

■ 0.2532, 0.2146,
0.5285

128.9212,
134.1620, 154.6197

■ 0.0000, 0.0000,
0.0000

161.4480,

168.1444, 192.9943

199.0316,
207.4290, 237.2445

■ 19.4919, 20.0897,
24.3231

■ 19.4919, 20.0897,
24.3231

■ 16.4128, 16.2497,
23.7445

■ 22.9823, 24.4657,
24.9841

■ 13.7281, 12.9225,
23.2438

■ 26.8967, 29.3946,
25.7292

■ 11.4223, 10.0873,
22.8181

■ 31.2492, 34.8957,
26.5616

■ 9.4783, 7.7205,
22.4637

■ 36.0529, 40.9865,
27.4840

■ 7.8775, 5.7968,
22.1767

■ 41.3204, 47.6839,
28.4991

■ 6.5997, 4.2884,
21.9529

■ 47.0635, 55.0040,
29.6094

■ 5.6226, 3.1644,
21.7875

■ 53.2939, 62.9624,
30.8171

■ 4.9208, 2.3895,
21.6749

■ 60.0227, 71.5740,
32.1247

■ 4.4576, 1.9069,
21.6062

■ 67.2609, 80.8535,
33.5343

Harmonies

Analogous

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



19.0239, 20.0897, 24.5907



19.4919, 20.0897, 24.3231



19.8588, 20.0897, 23.3892

Triad

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



19.4919, 20.0897, 24.3231



19.6166, 20.0897, 19.7847



18.1974, 20.0897, 21.6720

Complementary

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



19.4919, 20.0897, 24.3231



20.8981, 22.4090, 21.9638

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.



18.3504, 20.0897, 20.4262



19.4919, 20.0897, 24.3231



19.1656, 20.0897, 19.3657

Square

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



19.4919, 20.0897, 24.3231



19.9316, 20.0897, 20.7637



18.7028, 20.0897, 19.5956



18.2815, 20.0897, 23.0237

Rectangle

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



19.4919, 20.0897, 24.3231



19.9940, 20.0897, 22.5340



18.7028, 20.0897, 19.5956



18.2227, 20.0897, 21.2275

Sweetspot

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



19.4925, 20.0906, 24.3235



37.3531, 39.0403, 44.0200



20.2573, 21.8332, 24.6196



8.7168, 9.1147, 10.2526



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.4925, 20.0906, 24.3235



34.2897, 35.2063, 43.4414



20.0724, 20.3895, 24.3507



4.6260, 4.7471, 5.8732



4.2503, 1.7253, 21.2457



0.0180, 0.0076, 0.0738

Inverse Universe

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



20.4730, 20.6038, 24.0179



36.3363, 36.2777, 42.7994



20.3061, 22.1038, 21.9361



4.9083, 4.8948, 5.7846



12.2405, 5.9605, 16.3705



0.0441, 0.0213, 0.0659

Previews

White Background



This preview shows how the XYZ color 19.4919, 20.0897, 24.3231 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 19.4919, 20.0897, 24.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

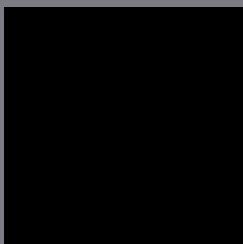
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

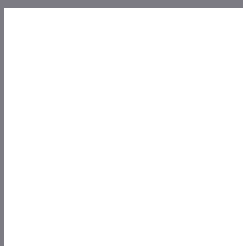
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4919, 20.0897, 24.3231

Background



This preview shows how black text looks on a background with the XYZ color 19.4919, 20.0897, 24.3231.



This preview shows how white text looks on a background with the XYZ color 19.4919, 20.0897,

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

19.4919, 20.0897, 24.3231

Protanopia

19.4919, 20.0897, 24.3231

Deuteranopia

20.3970, 20.0044, 24.6160



Tritanopia

19.5600, 20.1169, 24.6818

Trichromacy

**Original Color**

19.4919, 20.0897, 24.3231

Protanomaly

19.4919, 20.0897, 24.3231

Deuteranomaly

20.0555, 20.0078, 24.6347

Tritanomaly

19.5600, 20.1169, 24.6818

Monochromacy

**Original Color**

19.4919, 20.0897, 24.3231

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.3506, 20.2327, 22.9641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4919, 20.0897, 24.3231 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(124, 123, 131)` looks like.

```
.text, #text, p{  
    color:rgb(124, 123, 131)  
}
```

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(124, 123, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 123, 131) }
```

Border

The CSS property to change the border of an element to XYZ 19.4919, 20.0897, 24.3231 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(124, 123, 131) }
```


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

```
.border{ border-color:rgb(124, 123, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 123, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 123, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 123, 131);  
box-shadow:4px 4px 4px 4px rgb(124, 123,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4919, 20.0897, 24.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 123, 131) }
```

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

```
.background{ background-color: rgb(124,  
123, 131) }
```

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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