

Converting Colors

XYZ(19.5443, 19.4131, 24.1916)

Have a look what the booklet for
XYZ(19.5443, 19.4131, 24.1916)
contains.

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Color

**XYZ(19.5956, 19.4215,
24.1887)**

Conversions

Conversions Part 1

Format	Color
Hex	807783
RGB	128, 119, 131
RGB Percent	50%, 47%, 51%
CMY	0.4980, 0.5333, 0.4863
CMYK	0.02, 0.09, 0.00, 0.49
HSL	285°, 5%, 49%
HSV	285°, 9%, 51%
XYZ	19.5956, 19.4215, 24.1887
YIQ	123.0590, 1.5120, 5.6400

Conversions

Conversions Part 2

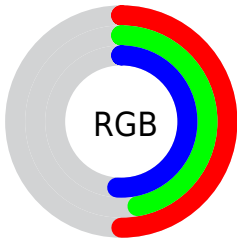
Format	Color
R_{YB}	128, 119, 131
Decimal	8419203
CIE Lab	51.18, 5.82, -5.31
CIE LCh	51, 7.878, 317.651
Yxy	19.4215, 0.3100, 0.3073
Android (android.graphics.Color)	4286609283 (0xFF807783)
YUV	123.0590, 3.9149, 4.3333
Hunter-Lab	44.0698, 2.2476, -1.6937

Details

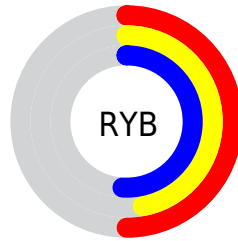
The XYZ color **19.5956, 19.4215, 24.1887** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.4729, 21.7027, 20.6164**, and the grayscale version is **18.8338, 19.8146, 21.5781**.

A 20% lighter version of the original color is **42.2707, 42.4103, 51.3055**, and **7.0007, 6.7779, 8.9219** is the 20% darker color. If you saturate the color by 10%, you get **17.6581, 16.2661, 23.6820**, and if you desaturate by 10%, it is **21.7650, 23.0166, 24.7686**.

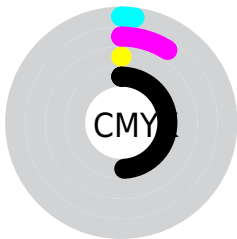
Distribution



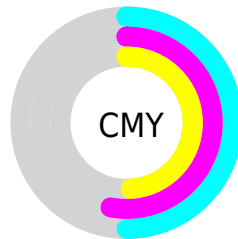
- Red (50%)
- Green (47%)
- Blue (51%)



- Red (50%)
- Yellow (47%)
- Blue (51%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5956, 19.4215, 24.1887 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 19.5956, 19.4215, 24.1887 by changing the saturation by 10% instead.

■ 19.5956, 19.4215,
24.1887

■ 19.5956, 19.4215,
24.1887

242.5929,
248.7659, 287.0903

■ 12.2080, 11.9752,
15.2602

■ 42.2473, 42.4451,
51.2856

■ 6.9587, 6.7268,
8.8535

■ 58.2420, 58.7913,
70.2911

■ 3.4824, 3.2918,
4.5503

■ 77.8365, 78.8729,
93.4927

■ 1.4137, 1.2859,
1.9318

101.3962,
103.0743, 121.3088

■ 0.2659, 0.1303,
0.5129

129.2862,
131.7799, 154.1581

■ 0.0000, 0.0000,
0.0000

161.8722,

165.3741, 192.4591

199.5193,
204.2413, 236.6303

■ 19.5956, 19.4215,
24.1887

■ 19.5956, 19.4215,
24.1887

■ 17.6581, 16.2661,
23.6820

■ 21.7650, 23.0166,
24.7686

■ 15.9421, 13.5303,
23.2444

■ 24.1731, 27.0655,
25.4232

■ 14.4385, 11.1963,
22.8732

■ 26.8283, 31.5847,
26.1555

■ 13.1371, 9.2438,
22.5649

■ 29.7383, 36.5890,
26.9681

■ 12.0269, 7.6509,
22.3160

■ 32.9102, 42.0929,
27.8632

■ 11.0956, 6.3934,
22.1223

■ 36.3510, 48.1098,
28.8433

■ 10.3295, 5.4440,
21.9794

■ 40.0674, 54.6530,
29.9104

■ 9.7127, 4.7710,
21.8820

■ 44.0658, 61.7351,
31.0666

■ 9.2018, 4.2882,
21.8158

■ 48.3524, 69.3683,
32.3141

Harmonies

Analogous

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



18.9202, 19.4215, 25.5308



19.5956, 19.4215, 24.1887



19.9708, 19.4215, 22.0830

Triad

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



19.5956, 19.4215, 24.1887



18.7837, 19.4215, 17.2054



17.0607, 19.4215, 22.4823

Complementary

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



19.5956, 19.4215, 24.1887



19.4729, 21.7027, 20.6164

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.



17.0265, 19.4215, 20.2372



19.5956, 19.4215, 24.1887



18.0065, 19.4215, 17.2956

Square

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



19.5956, 19.4215, 24.1887



19.4932, 19.4215, 18.1153



17.3683, 19.4215, 18.3711



17.4631, 19.4215, 24.4987

Rectangle

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



19.5956, 19.4215, 24.1887



19.9934, 19.4215, 20.5774



17.3683, 19.4215, 18.3711



17.0062, 19.4215, 21.7264

Sweetspot

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



19.5962, 19.4223, 24.1891



37.4070, 38.6049, 43.9331



18.6894, 19.5297, 24.2576



8.6415, 8.8758, 10.2104



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.



19.5962, 19.4223, 24.1891



34.3312, 33.5326, 43.1161



19.8670, 19.5836, 23.2246



4.7472, 4.7058, 5.8589



9.0189, 4.1836, 21.4689



0.0379, 0.0179, 0.0747

Inverse Universe

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



19.4705, 19.4250, 21.1366



34.0643, 33.5419, 36.4681



19.2252, 21.5553, 21.4956



4.7168, 4.7064, 5.1212



9.4814, 4.8569, 1.8417



0.0354, 0.0179, 0.0199

Previews

White Background



This preview shows how the XYZ color 19.5956, 19.4215, 24.1887 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 19.5956, 19.4215, 24.1887 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 19.5956, 19.4215, 24.1887

Background



This preview shows how black text looks on a background with the XYZ color 19.5956, 19.4215, 24.1887.

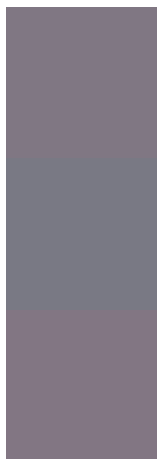


This preview shows how white text looks on a background with the XYZ color 19.5956, 19.4215,

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

19.5956, 19.4215, 24.1887

Protanopia

18.8874, 19.4056, 24.5800

Deuteranopia

19.7811, 19.3414, 24.1634



Tritanopia

19.4614, 19.3678, 23.4815

Trichromacy



Original Color

19.5956, 19.4215, 24.1887

Protanomaly

19.1935, 19.3840, 24.5597

Deuteranomaly

19.6284, 19.2627, 24.1563

Tritanomaly

19.5282, 19.3946, 23.8334

Monochromacy



Original Color

19.5956, 19.4215, 24.1887

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.1829, 19.7854, 22.5466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5956, 19.4215, 24.1887 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(128, 119, 131)` looks like.

```
.text, #text, p{  
    color:rgb(128, 119, 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(128, 119, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 119, 131) }
```

Border

The CSS property to change the border of an element to XYZ 19.5956, 19.4215, 24.1887 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(128, 119, 131) }
```


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

```
.border{ border-color:rgb(128, 119, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 119, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 119, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 119, 131);  
box-shadow:4px 4px 4px 4px rgb(128, 119,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5956, 19.4215, 24.1887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 119, 131) }
```

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

```
.background{ background-color: rgb(128,  
119, 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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