

Converting Colors

XYZ(19.5388, 16.6464, 20.1889)

Have a look what the booklet for
XYZ(19.5388, 16.6464, 20.1889)
contains.

XYZ(19.4326, 16.5275, 20.2551)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.4326, 16.5275,
20.2551)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6579
RGB	143, 101, 121
RGB Percent	56%, 40%, 47%
CMY	0.4392, 0.6039, 0.5255
CMYK	0.00, 0.29, 0.15, 0.44
HSL	331°, 17%, 48%
HSV	331°, 29%, 56%
XYZ	19.4326, 16.5275, 20.2551
YIQ	115.8380, 18.6120, 15.1240

Conversions

Conversions Part 2

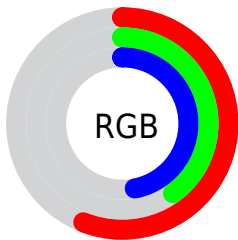
Format	Color
R_{YB}	143, 101, 121
Decimal	9397625
CIE _{Lab}	47.66, 20.16, -4.41
CIE _{LCh}	48, 20.641, 347.653
Yxy	16.5275, 0.3457, 0.2940
Android (android.graphics.Color)	4287587705 (0xFF8F6579)
YUV	115.8380, 2.5449, 23.8211
Hunter-Lab	40.6540, 14.1783, -1.0823

Details

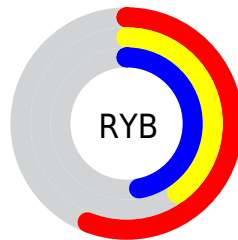
The XYZ color **19.4326, 16.5275, 20.2551** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.7652, 23.8422, 22.3530**, and the grayscale version is **16.5398, 17.4011, 18.9498**.

A 20% lighter version of the original color is **41.7970, 37.3439, 44.5403**, and **6.8893, 5.3026, 6.9637** is the 20% darker color. If you saturate the color by 10%, you get **17.7215, 13.8120, 17.5056**, and if you desaturate by 10%, it is **21.4220, 19.7420, 23.2737**.

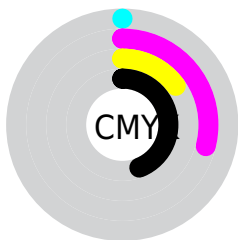
Distribution



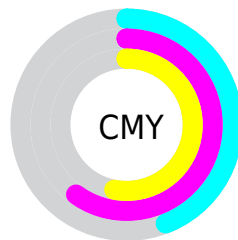
- Red (56%)
- Green (40%)
- Blue (47%)



- Red (56%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (29%)
- Yellow (15%)
- Black (44%)



- Cyan (44%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4326, 16.5275, 20.2551 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 19.4326, 16.5275, 20.2551 by changing the saturation by 10% instead.

■ 19.4326, 16.5275,
20.2551

■ 19.4326, 16.5275,
20.2551

241.7192,
232.4346, 265.9426

■ 12.0891, 9.8982,
12.3947

■ 41.9751, 37.5116,
44.7090

■ 6.8770, 5.3315,
6.8873

■ 57.9048, 52.6351,
62.1397

■ 3.4310, 2.4431,
3.3143

■ 77.4273, 71.3589,
83.5974

■ 1.3856, 0.8479,
1.2573

■ 100.9079, 94.0673,
109.5009

■ 0.2459, 0.0000,
0.0264

128.7121,
121.1446, 140.2686

■ 0.0000, 0.0000,
0.0000

161.2051,

152.9754, 176.3191

198.7524,
189.9439, 218.0709

■ 19.4326, 16.5275,
20.2551

■ 19.4326, 16.5275,
20.2551

■ 17.7215, 13.8120,
17.5056

■ 21.4220, 19.7420,
23.2737

■ 16.2738, 11.5678,
15.0159

■ 23.7005, 23.4768,
26.5685

■ 15.0757, 9.7681,
12.7772

■ 26.2804, 27.7547,
30.1472

■ 14.1111, 8.3824,
10.7801

■ 29.1725, 32.5963,
34.0173

■ 13.3621, 7.3763,
9.0140

■ 32.3873, 38.0213,
38.1857

■ 12.8079, 6.7097,
7.4675

■ 35.9346, 44.0485,
42.6591

■ 12.3983, 6.2836,
6.1189

■ 39.8240, 50.6956,
47.4439

■ 12.3740, 6.2582,
6.0391

■ 44.0645, 57.9799,
52.5466

■ 48.6648, 65.9178,
57.9731

Harmonies

Analogous

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



18.4773, 16.5275, 25.7376



19.4326, 16.5275, 20.2551



19.3349, 16.5275, 15.0891

Triad

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



19.4326, 16.5275, 20.2551



14.6582, 16.5275, 9.9512



13.4399, 16.5275, 26.5904

Complementary

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



19.4326, 16.5275, 20.2551



18.7652, 23.8422, 22.3530

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.



12.5672, 16.5275, 21.2533



19.4326, 16.5275, 20.2551



13.2318, 16.5275, 11.9864

Square

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



19.4326, 16.5275, 20.2551



16.4792, 16.5275, 9.7883



12.4941, 16.5275, 15.9108



14.9630, 16.5275, 29.8470

Rectangle

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



19.4326, 16.5275, 20.2551



18.6860, 16.5275, 12.4789



12.4941, 16.5275, 15.9108



13.0661, 16.5275, 24.9374

Sweetspot

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



19.4331, 16.5283, 20.2554



42.5211, 42.1708, 47.6893



17.7378, 15.4803, 28.0400



9.6197, 9.4543, 10.7500



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.4331, 16.5283, 20.2554



32.7924, 26.3997, 33.0818



18.3992, 16.2239, 14.4746



5.5091, 5.4642, 6.1789



10.9513, 5.5375, 5.3949



0.1157, 0.0573, 0.1096

Inverse Universe

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



19.4331, 16.5283, 20.2554



32.7924, 26.3997, 33.0818



20.0430, 24.1857, 29.5988



5.5091, 5.4642, 6.1789



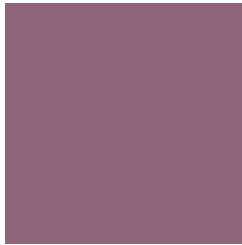
10.9513, 5.5375, 5.3949



0.1157, 0.0573, 0.1096

Previews

White Background



This preview shows how the XYZ color 19.4326, 16.5275, 20.2551 looks on a white background.

Color Contrast Check

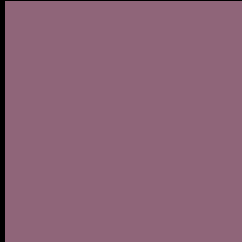
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4326, 16.5275, 20.2551 looks on a 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 19.4326, 16.5275, 20.2551

Background



This preview shows how black text looks on a background with the XYZ color 19.4326, 16.5275, 20.2551.



This preview shows how white text looks on a background with the XYZ color 19.4326, 16.5275,

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

19.4326, 16.5275, 20.2551

Protanopia

16.3570, 16.7483, 22.7927

Deuteranopia

16.9317, 16.6213, 19.7686



Tritanopia

18.8748, 16.5990, 17.2480

Trichromacy



Original Color

19.4326, 16.5275, 20.2551

Protanomaly

17.3387, 16.6289, 21.6979

Deuteranomaly

17.8538, 16.6173, 20.0358

Tritanomaly

19.0012, 16.4913, 18.4013

Monochromacy



Original Color

19.4326, 16.5275, 20.2551

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.5586, 17.1125, 19.5171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4326, 16.5275, 20.2551 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(143, 101, 121)` looks like.

```
.text, #text, p{  
    color:rgb(143, 101, 121)  
}
```

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(143, 101, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 101, 121) }
```

Border

The CSS property to change the border of an element to XYZ 19.4326, 16.5275, 20.2551 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(143, 101, 121) }
```


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

```
.border{ border-color:rgb(143, 101, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 101, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 101, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 101, 121);  
box-shadow:4px 4px 4px 4px rgb(143, 101,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4326, 16.5275, 20.2551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 101, 121) }
```

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

```
.background{ background-color: rgb(143,  
101, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor