

Converting Colors

XYZ(20.9188, 16.9853, 20.4019)

Have a look what the booklet for
XYZ(20.9188, 16.9853, 20.4019)
contains.

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Color

**XYZ(20.8619, 16.9796,
20.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	986379
RGB	152, 99, 121
RGB Percent	60%, 39%, 47%
CMY	0.4039, 0.6117, 0.5255
CMYK	0.00, 0.35, 0.20, 0.40
HSL	335°, 21%, 49%
HSV	335°, 35%, 60%
XYZ	20.8619, 16.9796, 20.2670
YIQ	117.3550, 24.5260, 18.0780

Conversions

Conversions Part 2

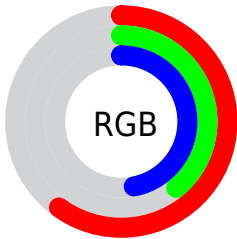
Format	Color
R_{YB}	152, 99, 121
Decimal	9986937
CIE _{Lab}	48.23, 24.74, -3.44
CIE _{LCh}	48, 24.974, 352.073
Yxy	16.9796, 0.3590, 0.2922
Android (android.graphics.Color)	4288177017 (0xFF986379)
YUV	117.3550, 1.7970, 30.3837
Hunter-Lab	41.2063, 18.2598, -0.3169

Details

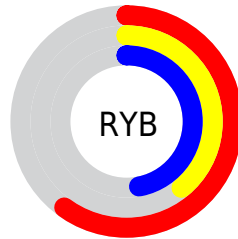
The XYZ color **20.8619, 16.9796, 20.2670** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.4038, 26.7212, 25.2027**, and the grayscale version is **17.0084, 17.8941, 19.4867**.

A 20% lighter version of the original color is **44.1813, 38.0952, 44.5597**, and **7.6420, 5.5580, 6.9734** is the 20% darker color. If you saturate the color by 10%, you get **19.0348, 14.1580, 17.0908**, and if you desaturate by 10%, it is **23.0113, 20.3650, 23.7990**.

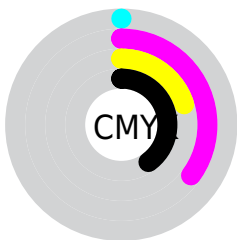
Distribution



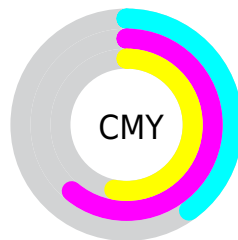
- Red (60%)
- Green (39%)
- Blue (47%)



- Red (60%)
- Yellow (39%)
- Blue (47%)



- Cyan (0%)
- Magenta (35%)
- Yellow (20%)
- Black (40%)



- Cyan (40%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8619, 16.9796, 20.2670 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 20.8619, 16.9796, 20.2670 by changing the saturation by 10% instead.

■ 20.8619, 16.9796,
20.2670

■ 20.8619, 16.9796,
20.2670

249.2893,
235.0548, 266.0088

■ 13.1350, 10.2199,
12.4033

■ 44.3506, 38.2907,
44.7292

■ 7.5992, 5.5450,
6.8931

■ 60.8431, 53.6109,
62.1648

■ 3.8892, 2.5705,
3.3179

■ 80.9881, 72.5535,
83.6281

■ 1.6396, 0.9118,
1.2592

■ 105.1511, 95.5027,
109.5376

■ 0.4180, 0.0000,
0.0280

133.6973,
122.8431, 140.3119

■ 0.0000, 0.0000,
0.0000

166.9922,

154.9590, 176.3695

205.4011,
192.2347, 218.1289

■ 20.8619, 16.9796,
20.2670

■ 20.8619, 16.9796,
20.2670

■ 19.0348, 14.1580,
17.0908

■ 23.0113, 20.3650,
23.7990

■ 17.5119, 11.8668,
14.2571

■ 25.4969, 24.3404,
27.6973

■ 16.2756, 10.0727,
11.7532

■ 28.3335, 28.9333,
31.9732


■ 15.3057, 8.7376,
9.5653


■ 31.5345, 34.1687,
36.6371


■ 14.5789, 7.8178,
7.6778


■ 35.1129, 40.0703,
41.6991


 14.0665, 7.2580,
6.0732

 39.0806, 46.6605,
47.1688

 13.8486, 7.0353,
5.3437

 43.4492, 53.9606,
53.0554

 48.2298, 61.9911,
59.3680

 53.4331, 70.7717,
66.1152

Harmonies

Analogous

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



19.8342, 16.9796, 27.2902



20.8619, 16.9796, 20.2670



20.5333, 16.9796, 14.1750

Triad

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



20.8619, 16.9796, 20.2670



14.5525, 16.9796, 9.1509



13.6004, 16.9796, 30.2122

Complementary

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



20.8619, 16.9796, 20.2670



20.4038, 26.7212, 25.2027

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.



12.4204, 16.9796, 23.5974



20.8619, 16.9796, 20.2670



12.9331, 16.9796, 11.8166

Square

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



20.8619, 16.9796, 20.2670



16.7484, 16.9796, 8.6611



12.1881, 16.9796, 16.8161



15.5438, 16.9796, 33.8481

Rectangle

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



20.8619, 16.9796, 20.2670



19.6022, 16.9796, 11.3098



12.1881, 16.9796, 16.8161



13.1091, 16.9796, 28.1987

Sweetspot

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



20.8624, 16.9804, 20.2673



47.2647, 46.6116, 52.3299



19.3232, 15.9309, 31.7623



10.5974, 10.3593, 11.6741



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.8624, 16.9804, 20.2673



34.2144, 25.9327, 31.2655



20.0934, 17.3607, 14.0974



6.3098, 6.2631, 7.0115



11.6265, 5.9048, 4.5583



0.1913, 0.0953, 0.1603

Inverse Universe

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



20.8624, 16.9804, 20.2673



34.2144, 25.9327, 31.2655



21.3383, 25.9694, 33.5937



6.3098, 6.2631, 7.0115



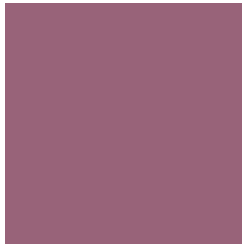
11.6265, 5.9048, 4.5583



0.1913, 0.0953, 0.1603

Previews

White Background



This preview shows how the XYZ color 20.8619, 16.9796, 20.2670 looks on a white background.

Color Contrast Check

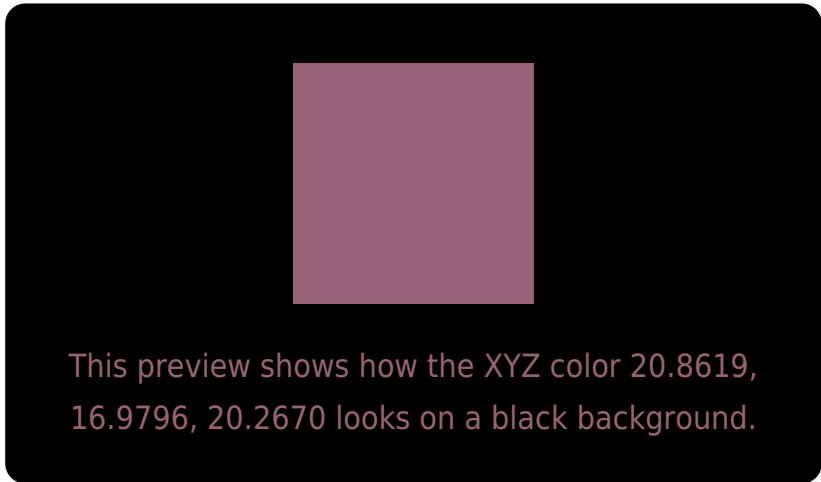
Large Text (above 18pt) WCAG AA ✓ Pass

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

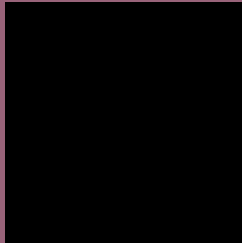
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.8619, 16.9796, 20.2670

Background



This preview shows how black text looks on a background with the XYZ color 20.8619, 16.9796, 20.2670.



This preview shows how white text looks on a background with the XYZ color 20.8619, 16.9796,

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

20.8619, 16.9796, 20.2670

Protanopia

16.7287, 17.0911, 23.5363

Deuteranopia

17.3264, 16.9859, 19.8182



Tritanopia

20.1765, 16.9908, 16.6841

Trichromacy



Original Color

20.8619, 16.9796, 20.2670

Protanomaly

18.0518, 16.9816, 22.4050

Deuteranomaly

18.4794, 16.9398, 20.0650

Tritanomaly

20.3003, 16.8859, 17.8121

Monochromacy



Original Color

20.8619, 16.9796, 20.2670

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.0519, 17.2057, 19.5091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8619, 16.9796, 20.2670 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(152, 99, 121)` looks like.

```
.text, #text, p{  
    color:rgb(152, 99, 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(152, 99, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 99, 121) }
```

Border

The CSS property to change the border of an element to XYZ 20.8619, 16.9796, 20.2670 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(152, 99, 121) }
```


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

```
.border{ border-color:rgb(152, 99, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 99, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 99, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 99, 121);  
box-shadow:4px 4px 4px 4px rgb(152, 99,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8619, 16.9796, 20.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 99, 121) }
```

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

```
.background{ background-color: rgb(152, 99,  
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](#).

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