

Converting Colors

XYZ(22.9589, 19.5762, 24.0536)

Have a look what the booklet for
XYZ(22.9589, 19.5762, 24.0536)
contains.

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Color

**XYZ(22.9991, 19.6606,
24.0554)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6E83
RGB	154, 110, 131
RGB Percent	60%, 43%, 51%
CMY	0.3961, 0.5686, 0.4863
CMYK	0.00, 0.29, 0.15, 0.40
HSL	331°, 18%, 52%
HSV	331°, 29%, 60%
XYZ	22.9991, 19.6606, 24.0554
YIQ	125.5500, 19.4830, 15.8590

Conversions

Conversions Part 2

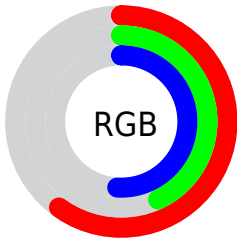
Format	Color
RYB	154, 110, 131
Decimal	10120835
CIELab	51.45, 20.84, -4.61
CIElCh	51, 21.339, 347.522
Yxy	19.6606, 0.3447, 0.2947
Android (android.graphics.Color)	4288310915 (0xFF9A6E83)
YUV	125.5500, 2.6869, 24.9507
Hunter-Lab	44.3403, 14.9917, -1.1277

Details

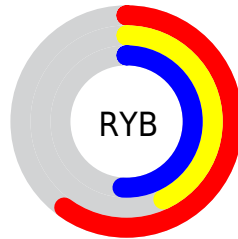
The XYZ color **22.9991, 19.6606, 24.0554** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.2205, 28.1202, 26.4483**, and the grayscale version is **19.6657, 20.6898, 22.5312**.

A 20% lighter version of the original color is **47.8666, 42.8567, 51.0967**, and **8.7251, 6.8792, 8.8506** is the 20% darker color. If you saturate the color by 10%, you get **20.9552, 16.4121, 20.7859**, and if you desaturate by 10%, it is **25.3753, 23.5054, 27.6453**.

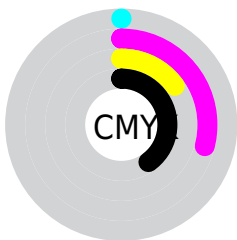
Distribution



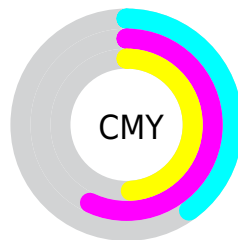
- Red (60%)
- Green (43%)
- Blue (51%)



- Red (60%)
- Yellow (43%)
- Blue (51%)



- Cyan (0%)
- Magenta (29%)
- Yellow (15%)
- Black (40%)





- Cyan (40%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.9991, 19.6606, 24.0554 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 22.9991, 19.6606, 24.0554 by changing the saturation by 10% instead.


 22.9991, 19.6606,
24.0554


 22.9991, 19.6606,
24.0554


260.2558,
250.0718, 286.3960


 14.7135, 12.1486,
15.1621


 47.8585, 42.8474,
51.0656


 8.7036, 6.8449,
8.7854


 65.1631, 59.2910,
70.0195

 4.6039, 3.3653,
4.5066

 86.2047, 79.4806,
93.1642

 2.0491, 1.3253,
1.9072

 111.3487,
103.8005, 120.9180

 0.6613, 0.1607,
0.4973

140.9604,
132.6352, 153.6995

 0.0000, 0.0000,
0.0000

175.4053,

166.3690, 191.9274

215.0486,
205.3864, 236.0200

■ 22.9991, 19.6606,
24.0554

■ 22.9991, 19.6606,
24.0554

■ 20.9552, 16.4121,
20.7859

■ 25.3753, 23.5054,
27.6453

■ 19.2260, 13.7270,
17.8256

■ 28.0970, 27.9719,
31.5639

■ 17.7948, 11.5731,
15.1642

■ 31.1785, 33.0873,
35.8207

■ 16.6426, 9.9142,
12.7903

■ 34.6329, 38.8763,
40.4243

■ 15.7480, 8.7090,
10.6915

■ 38.4726, 45.3625,
45.3831

■ 15.0861, 7.9098,
8.8540

■ 42.7095, 52.5681,
50.7050

■ 14.6084, 7.4211,
7.2558

■ 47.3549, 60.5145,
56.3978

■ 14.5456, 7.3577,
7.0432

■ 52.4196, 69.2222,
62.4689

■ 57.9140, 78.7107,
68.9256

Harmonies

Analogous

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



21.8888, 19.6606, 30.3917



22.9991, 19.6606, 24.0554



22.8916, 19.6606, 18.0515

Triad

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



22.9991, 19.6606, 24.0554



17.4751, 19.6606, 12.0213



16.0436, 19.6606, 31.3276

Complementary

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



22.9991, 19.6606, 24.0554



22.2205, 28.1202, 26.4483

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.



15.0313, 19.6606, 25.1546



22.9991, 19.6606, 24.0554



15.8134, 19.6606, 14.3945

Square

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



22.9991, 19.6606, 24.0554



19.5900, 19.6606, 11.8395



14.9503, 19.6606, 18.9606



17.8118, 19.6606, 35.0974

Rectangle

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



22.9991, 19.6606, 24.0554



22.1439, 19.6606, 15.0019



14.9503, 19.6606, 18.9606



15.6097, 19.6606, 29.4165

Sweetspot

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



22.9997, 19.6615, 24.0558



50.7193, 50.2834, 56.8854



21.0403, 18.4509, 33.0245



11.3193, 11.1164, 12.6479



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.9997, 19.6615, 24.0558



39.4405, 31.9834, 40.0002



21.7970, 19.3076, 17.3309



6.3254, 6.2693, 7.0936



11.8685, 6.0016, 5.8324



0.1957, 0.0970, 0.1831

Inverse Universe

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



22.9997, 19.6615, 24.0558



39.4405, 31.9834, 40.0002



23.6987, 28.5184, 34.8277



6.3254, 6.2693, 7.0936



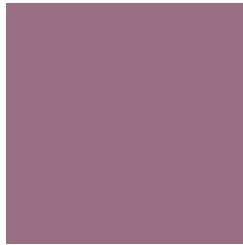
11.8685, 6.0016, 5.8324



0.1957, 0.0970, 0.1831

Previews

White Background



This preview shows how the XYZ color 22.9991, 19.6606, 24.0554 looks on a white background.

Color Contrast Check

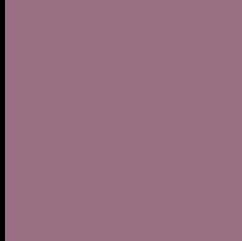
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9991, 19.6606, 24.0554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

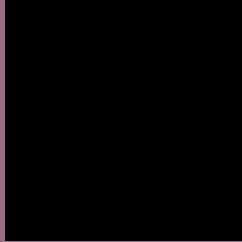
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.9991, 19.6606, 24.0554

Background



This preview shows how black text looks on a background with the XYZ color 22.9991, 19.6606, 24.0554.



This preview shows how white text looks on a background with the XYZ color 22.9991, 19.6606,

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

22.9991, 19.6606, 24.0554

Protanopia

19.2927, 19.7471, 26.8395

Deuteranopia

20.0750, 19.6842, 23.5102



Tritanopia

22.3212, 19.7167, 20.3985

Trichromacy



Original Color

22.9991, 19.6606, 24.0554

Protanomaly

20.3673, 19.6117, 25.6336

Deuteranomaly

21.0899, 19.6779, 23.8058

Tritanomaly

22.4594, 19.5964, 21.6675

Monochromacy



Original Color

22.9991, 19.6606, 24.0554

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.7661, 20.2257, 23.2315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9991, 19.6606, 24.0554 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(154, 110, 131)` looks like.

```
.text, #text, p{  
    color:rgb(154, 110, 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(154, 110, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 110, 131) }
```

Border

The CSS property to change the border of an element to XYZ 22.9991, 19.6606, 24.0554 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(154, 110, 131) }
```


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

```
.border{ border-color:rgb(154, 110, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 110, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 110, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 110, 131);  
box-shadow:4px 4px 4px 4px rgb(154, 110,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9991, 19.6606, 24.0554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 110, 131) }
```

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

```
.background{ background-color: rgb(154,  
110, 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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