

Converting Colors

XYZ(23.1115, 19.6191, 28.5553)

Have a look what the booklet for
XYZ(23.1115, 19.6191, 28.5553)
contains.

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Color

**XYZ(23.1115, 19.6191,
28.5553)**

Conversions

Conversions Part 1

Format	Color
Hex	966E8F
RGB	150, 110, 143
RGB Percent	59%, 43%, 56%
CMY	0.4118, 0.5686, 0.4392
CMYK	0.00, 0.27, 0.05, 0.41
HSL	311°, 16%, 51%
HSV	311°, 27%, 59%
XYZ	23.1115, 19.6191, 28.5553
YIQ	125.7220, 13.2470, 18.7430

Conversions

Conversions Part 2

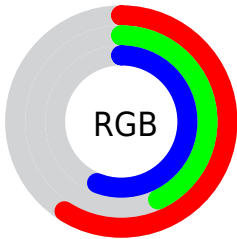
Format	Color
R_{YB}	150, 110, 143
Decimal	9858703
CIE _{Lab}	51.40, 21.55, -11.80
CIE _{LCh}	51, 24.569, 331.283
Yxy	19.6191, 0.3242, 0.2752
Android (android.graphics.Color)	4288048783 (0xFF966E8F)
YUV	125.7220, 8.5181, 21.2918
Hunter-Lab	44.2935, 15.6244, -7.2179

Details

The XYZ color **23.1115, 19.6191, 28.5553** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.5484, 26.4126, 20.8459**, and the grayscale version is **19.7063, 20.7325, 22.5777**.

A 20% lighter version of the original color is **48.1752, 42.8510, 58.5553**, and **8.8440, 6.8882, 11.2194** is the 20% darker color. If you saturate the color by 10%, you get **21.4317, 16.5737, 27.0258**, and if you desaturate by 10%, it is **25.0711, 23.2160, 30.2015**.

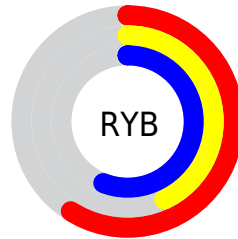
Distribution



Red (59%)

Green (43%)

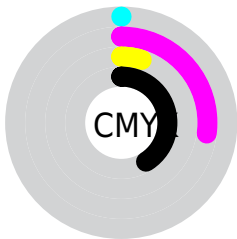
Blue (56%)



Red (59%)

Yellow (43%)

Blue (56%)

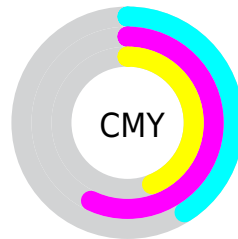


Cyan (0%)

Magenta (27%)

Yellow (5%)

Black (41%)



Cyan (41%)

Magenta (57%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1115, 19.6191, 28.5553 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 23.1115, 19.6191, 28.5553 by changing the saturation by 10% instead.

■ 23.1115, 19.6191,
28.5553

■ 23.1115, 19.6191,
28.5553

260.8218,
249.8456, 309.1059

■ 14.7970, 12.1185,
18.5020

■ 48.0417, 42.7776,
58.4035

■ 8.7624, 6.8244,
11.1378

■ 65.3880, 59.2044,
79.0355

■ 4.6424, 3.3525,
6.0443

■ 86.4757, 79.3752,
104.0308

■ 2.0716, 1.3184,
2.8028

■ 111.6701,
103.6746, 133.8080

■ 0.6737, 0.1554,
0.9948

141.3366,
132.4870, 168.7855

■ 0.0000, 0.0000,
0.0000

175.8405,

166.1966, 209.3820

215.5471,
205.1880, 256.0160

■ 23.1115, 19.6191,
28.5553

■ 23.1115, 19.6191,
28.5553

■ 21.4317, 16.5737,
27.0258

■ 25.0711, 23.2160,
30.2015

■ 20.0161, 14.0497,
25.6069

■ 27.3216, 27.3875,
31.9676

■ 18.8503, 12.0179,
24.2940

■ 29.8757, 32.1585,
33.8581

■ 17.9177, 10.4453,
23.0813

■ 32.7446, 37.5516,
35.8770

■ 17.1998, 9.2947,
21.9625

■ 35.9391, 43.5883,
38.0280

■ 16.6750, 8.5233,
20.9302

■ 39.4695, 50.2892,
40.3146

■ 16.3098, 8.0638,
19.9732

■ 43.3456, 57.6737,
42.7404

■ 16.2000, 7.9330,
19.6628

■ 47.5768, 65.7605,
45.3086

■ 52.1722, 74.5678,
48.0222

Harmonies

Analogous

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



21.2133, 19.6191, 35.1584



23.1115, 19.6191, 28.5553



23.7880, 19.6191, 21.0600

Triad

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



23.1115, 19.6191, 28.5553



18.5416, 19.6191, 10.4780



14.8896, 19.6191, 29.1976

Complementary

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



23.1115, 19.6191, 28.5553



20.5484, 26.4126, 20.8459

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.



14.3064, 19.6191, 21.6666



23.1115, 19.6191, 28.5553



16.2972, 19.6191, 11.7492

Square

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



23.1115, 19.6191, 28.5553



21.0140, 19.6191, 11.5468



14.7986, 19.6191, 15.4910



16.4654, 19.6191, 35.5830

Rectangle

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



23.1115, 19.6191, 28.5553



23.4119, 19.6191, 16.8119



14.7986, 19.6191, 15.4910



14.5775, 19.6191, 26.6666

Sweetspot

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



23.1121, 19.6200, 28.5557



47.5897, 47.1670, 55.9361



18.3733, 17.1138, 31.1893



10.4192, 10.2163, 12.2980



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.1121, 19.6200, 28.5557



38.9605, 31.3036, 48.7592



21.7504, 19.0753, 21.3849



5.9922, 5.8919, 7.0651



13.4462, 6.5835, 16.3627



0.1738, 0.0843, 0.2487

Inverse Universe

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



23.1121, 19.6200, 28.5557



38.9605, 31.3036, 48.7592



21.8289, 26.9247, 27.5888



5.9922, 5.8919, 7.0651



13.4462, 6.5835, 16.3627



0.1738, 0.0843, 0.2487

Previews

White Background



This preview shows how the XYZ color 23.1115, 19.6191, 28.5553 looks on a white background.

Color Contrast Check

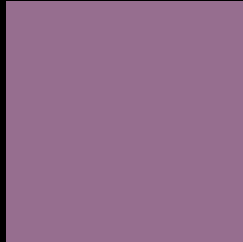
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1115, 19.6191, 28.5553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

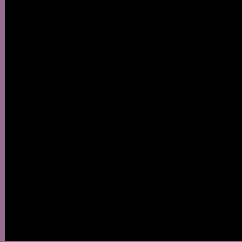
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.1115, 19.6191, 28.5553

Background



This preview shows how black text looks on a background with the XYZ color 23.1115, 19.6191, 28.5553.



This preview shows how white text looks on a background with the XYZ color 23.1115, 19.6191,

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

23.1115, 19.6191, 28.5553

Protanopia

19.7479, 19.8664, 32.0719

Deuteranopia

20.1284, 19.7916, 27.9586



Tritanopia

21.6251, 19.6677, 21.3954

Trichromacy



Original Color

23.1115, 19.6191, 28.5553

Protanomaly

20.7258, 19.6842, 30.7240

Deuteranomaly

21.1195, 19.5947, 28.2602

Tritanomaly

22.1471, 19.7179, 23.7577

Monochromacy



Original Color

23.1115, 19.6191, 28.5553

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.8730, 20.2498, 24.6383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1115, 19.6191, 28.5553 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(150, 110, 143)` looks like.

```
.text, #text, p{  
    color:rgb(150, 110, 143)  
}
```

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(150, 110, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 110, 143) }
```

Border

The CSS property to change the border of an element to XYZ 23.1115, 19.6191, 28.5553 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(150, 110, 143) }
```


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

```
.border{ border-color:rgb(150, 110, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 110, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 110, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 110, 143);  
box-shadow:4px 4px 4px 4px rgb(150, 110,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1115, 19.6191, 28.5553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 110, 143) }
```

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

```
.background{ background-color: rgb(150,  
110, 143) }
```

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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