

Converting Colors

XYZ(23.1924, 20.9782, 28.9266)

Have a look what the booklet for
XYZ(23.1924, 20.9782, 28.9266)
contains.

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Color

**XYZ(23.1134, 20.9598,
28.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	91768F
RGB	145, 118, 143
RGB Percent	57%, 46%, 56%
CMY	0.4314, 0.5372, 0.4392
CMYK	0.00, 0.19, 0.01, 0.43
HSL	304°, 11%, 52%
HSV	304°, 19%, 57%
XYZ	23.1134, 20.9598, 28.8140
YIQ	128.9230, 8.0670, 13.4990

Conversions

Conversions Part 2

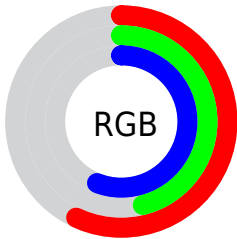
Format	Color
R _Y B	145, 118, 143
Decimal	9533071
CIE Lab	52.91, 15.08, -9.60
CIE LCh	53, 17.879, 327.520
Yxy	20.9598, 0.3171, 0.2876
Android (android.graphics.Color)	4287723151 (0xFF91768F)
YUV	128.9230, 6.9400, 14.0995
Hunter-Lab	45.7819, 9.9991, -5.2684

Details

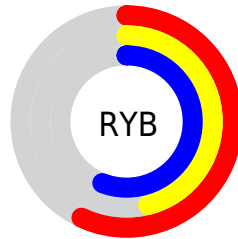
The XYZ color **23.1134, 20.9598, 28.8140** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.9876, 25.4590, 21.5784**, and the grayscale version is **20.8143, 21.8983, 23.8472**.

A 20% lighter version of the original color is **48.0060, 44.9228, 58.9641**, and **8.7200, 7.4262, 11.3297** is the 20% darker color. If you saturate the color by 10%, you get **21.4546, 17.7716, 27.8617**, and if you desaturate by 10%, it is **25.0367, 24.6752, 29.8588**.

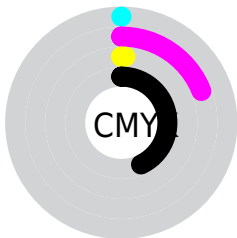
Distribution



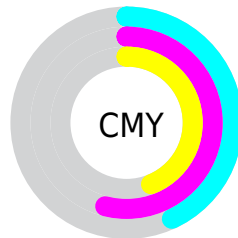
- Red (57%)
- Green (46%)
- Blue (56%)



- Red (57%)
- Yellow (46%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (43%)



- Cyan (43%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1134, 20.9598, 28.8140 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 23.1134, 20.9598, 28.8140 by changing the saturation by 10% instead.

■ 23.1134, 20.9598,
28.8140

■ 23.1134, 20.9598,
28.8140

260.8314,
257.0648, 310.3698

■ 14.7984, 13.0946,
18.6958

■ 48.0447, 45.0206,
58.8201

■ 8.7634, 7.4937,
11.2761

■ 65.3918, 61.9851,
79.5451

■ 4.6431, 3.7728,
6.1364

■ 86.4803, 82.7514,
104.6427

■ 2.0720, 1.5473,
2.8580

111.6756,
107.7039, 134.5315

■ 0.6739, 0.3217,
1.0226

141.3430,
137.2272, 169.6301

■ 0.0000, 0.0000,
0.0000

175.8478,

171.7054, 210.3570

215.5555,
211.5232, 257.1307

■ 23.1134, 20.9598,
28.8140

■ 23.1134, 20.9598,
28.8140

■ 21.4546, 17.7716,
27.8617

■ 25.0367, 24.6752,
29.8588

■ 20.0466, 15.0838,
26.9966

■ 27.2338, 28.9374,
30.9985

■ 18.8770, 12.8718,
26.2147

■ 29.7160, 33.7683,
32.2371

■ 17.9318, 11.1073,
25.5115

■ 32.4932, 39.1880,
33.5779

■ 17.1955, 9.7595,
24.8818

■ 35.5748, 45.2153,
35.0240

■ 16.6508, 8.7933,
24.3196

■ 38.9700, 51.8686,
36.5786

■ 16.2771, 8.1683,
23.8183

■ 42.6875, 59.1651,
38.2445

■ 16.0304, 7.7959,
23.3631

■ 46.7356, 67.1216,
40.0246

■ 15.9983, 7.7483,
23.3012

■ 51.1223, 75.7541,
41.9214

Harmonies

Analogous

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



21.6307, 20.9598, 33.2334



23.1134, 20.9598, 28.8140



23.7366, 20.9598, 23.2704

Triad

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



23.1134, 20.9598, 28.8140



20.0777, 20.9598, 13.9978



16.8983, 20.9598, 27.9214

Complementary

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



23.1134, 20.9598, 28.8140



20.9876, 25.4590, 21.5784

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.



16.5391, 20.9598, 22.3787



23.1134, 20.9598, 28.8140



18.3051, 20.9598, 14.8492

Square

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



23.1134, 20.9598, 28.8140



21.9168, 20.9598, 15.1864



17.0382, 20.9598, 17.7237



18.0514, 20.9598, 32.6639

Rectangle

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



23.1134, 20.9598, 28.8140



23.5532, 20.9598, 19.8582



17.0382, 20.9598, 17.7237



16.6840, 20.9598, 26.0662

Sweetspot

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



23.1140, 20.9607, 28.8145



45.7710, 45.9992, 53.9649



19.3082, 18.9811, 29.4345



10.1351, 10.1416, 11.9803



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.



23.1140, 20.9607, 28.8145



40.1976, 35.2350, 50.9277



22.1654, 20.5812, 23.8188



5.6093, 5.5042, 6.7063



13.7263, 6.6475, 20.0077



0.1346, 0.0649, 0.2088

Inverse Universe

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



23.1140, 20.9607, 28.8145



40.1976, 35.2350, 50.9277



21.8518, 25.8047, 26.1289



5.6093, 5.5042, 6.7063



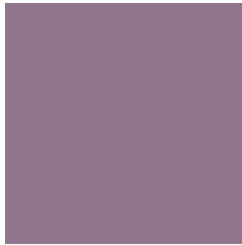
13.7263, 6.6475, 20.0077



0.1346, 0.0649, 0.2088

Previews

White Background



This preview shows how the XYZ color 23.1134, 20.9598, 28.8140 looks on a white background.

Color Contrast Check

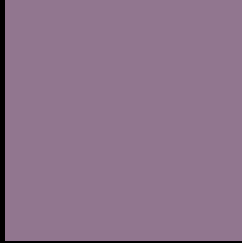
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1134, 20.9598, 28.8140 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 23.1134, 20.9598, 28.8140

Background



This preview shows how black text looks on a background with the XYZ color 23.1134, 20.9598, 28.8140.



This preview shows how white text looks on a background with the XYZ color 23.1134, 20.9598,

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

23.1134, 20.9598, 28.8140

Protanopia

20.7050, 20.9429, 30.9681

Deuteranopia

21.3255, 20.9442, 28.5098



Tritanopia

22.0734, 20.8843, 23.9868

Trichromacy



Original Color

23.1134, 20.9598, 28.8140

Protanomaly

21.3538, 20.7402, 30.0719

Deuteranomaly

21.8732, 20.8620, 28.4651

Tritanomaly

22.4716, 20.8722, 25.7660

Monochromacy



Original Color

23.1134, 20.9598, 28.8140

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.6284, 21.5394, 25.5718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1134, 20.9598, 28.8140 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(145, 118, 143)` looks like.

```
.text, #text, p{  
    color:rgb(145, 118, 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(145, 118, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 118, 143) }
```

Border

The CSS property to change the border of an element to XYZ 23.1134, 20.9598, 28.8140 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(145, 118, 143) }
```


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

```
.border{ border-color:rgb(145, 118, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 118, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 118, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 118, 143);  
box-shadow:4px 4px 4px 4px rgb(145, 118,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1134, 20.9598, 28.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 118, 143) }
```

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

```
.background{ background-color: rgb(145,  
118, 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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