

Converting Colors

XYZ(23.6983, 21.6575, 26.9760)

Have a look what the booklet for
XYZ(23.6983, 21.6575, 26.9760)
contains.

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Color

**XYZ(23.6983, 21.6575,
26.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	95788A
RGB	149, 120, 138
RGB Percent	58%, 47%, 54%
CMY	0.4157, 0.5294, 0.4588
CMYK	0.00, 0.19, 0.07, 0.42
HSL	323°, 12%, 53%
HSV	323°, 19%, 58%
XYZ	23.6983, 21.6575, 26.9760
YIQ	130.7230, 11.5060, 11.7460

Conversions

Conversions Part 2

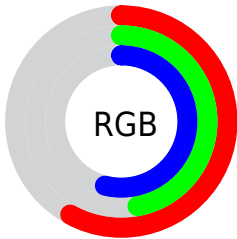
Format	Color
R_{YB}	149, 120, 138
Decimal	9795722
CIE _{Lab}	53.66, 14.43, -5.51
CIE _{LCh}	54, 15.449, 339.116
Yxy	21.6575, 0.3276, 0.2994
Android (android.graphics.Color)	4287985802 (0xFF95788A)
YUV	130.7230, 3.5876, 16.0289
Hunter-Lab	46.5376, 9.4565, -1.7917

Details

The XYZ color **23.6983, 21.6575, 26.9760** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.5907, 27.1272, 25.5194**, and the grayscale version is **21.4599, 22.5775, 24.5869**.

A 20% lighter version of the original color is **48.7851, 45.9631, 55.5907**, and **9.0517, 7.8077, 10.2625** is the 20% darker color. If you saturate the color by 10%, you get **21.6454, 18.1894, 24.3251**, and if you desaturate by 10%, it is **26.0526, 25.6937, 29.8330**.

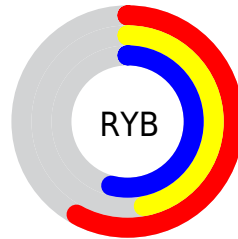
Distribution



Red (58%)

Green (47%)

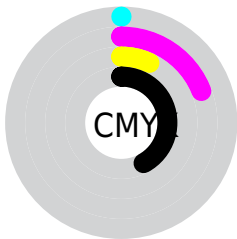
Blue (54%)



Red (58%)

Yellow (47%)

Blue (54%)

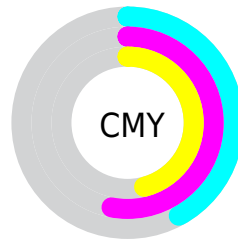


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (42%)



Cyan (42%)

Magenta (53%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6983, 21.6575, 26.9760 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 23.6983, 21.6575, 26.9760 by changing the saturation by 10% instead.

■ 23.6983, 21.6575,
26.9760

■ 23.6983, 21.6575,
26.9760

263.7605,
260.7524, 301.2974

■ 15.2335, 13.6055,
17.3229

■ 48.9957, 46.1793,
55.8486

■ 9.0708, 7.8468,
10.3006

■ 66.5590, 63.4178,
75.9052

■ 4.8449, 3.9971,
5.4905

■ 87.8858, 84.4872,
100.2668

■ 2.1904, 1.6719,
2.4741

113.3415,
109.7720, 129.3518

■ 0.7376, 0.4054,
0.8264

143.2915,
139.6565, 163.5788

■ 0.0000, 0.0000,
0.0000

178.1011,

174.5252, 203.3664

218.1356,
214.7623, 249.1331

■ 23.6983, 21.6575,
26.9760

■ 23.6983, 21.6575,
26.9760

■ 21.6454, 18.1894,
24.3251

■ 26.0526, 25.6937,
29.8330

■ 19.8789, 15.2607,
21.8729

■ 28.7188, 30.3194,
32.9003

■ 18.3851, 12.8446,
19.6136

■ 31.7091, 35.5583,
36.1838

■ 17.1487, 10.9106,
17.5402

■ 35.0346, 41.4319,
39.6887

■ 16.1525, 9.4252,
15.6455

■ 38.7057, 47.9607,
43.4199

■ 15.3773, 8.3502,
13.9212

■ 42.7324, 55.1643,
47.3821

■ 14.8006, 7.6415,
12.3581

■ 47.1244, 63.0615,
51.5800

■ 14.3694, 7.1935,
10.9367

■ 51.8908, 71.6702,
56.0180

■ 14.3472, 7.1707,
10.8630

■ 57.0407, 81.0079,
60.7004

Harmonies

Analogous

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



22.6551, 21.6575, 31.3692



23.6983, 21.6575, 26.9760



23.8840, 21.6575, 22.1688

Triad

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



23.6983, 21.6575, 26.9760



20.0855, 21.6575, 15.6896



18.2168, 21.6575, 29.8006

Complementary

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



23.6983, 21.6575, 26.9760



22.5907, 27.1272, 25.5194

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.



17.6044, 21.6575, 25.0526



23.6983, 21.6575, 26.9760



18.6447, 21.6575, 17.2025

Square

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



23.6983, 21.6575, 26.9760



21.7383, 21.6575, 16.0605



17.7567, 21.6575, 20.4841



19.4729, 21.6575, 33.1455

Rectangle

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



23.6983, 21.6575, 26.9760



23.4872, 21.6575, 19.4250



17.7567, 21.6575, 20.4841



17.9320, 21.6575, 28.2918

Sweetspot

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



23.6989, 21.6585, 26.9765



48.1876, 48.6603, 55.2184



21.4456, 20.4001, 31.2413



10.6202, 10.6820, 12.1688



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.



23.6989, 21.6585, 26.9765



40.9050, 36.1793, 46.3655



22.7413, 21.2754, 21.9337



5.9430, 5.8723, 6.8059



12.0899, 6.0410, 9.2202



0.1624, 0.0797, 0.1886

Inverse Universe

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



23.6989, 21.6585, 26.9765



40.9050, 36.1793, 46.3655



23.6150, 27.5368, 30.9129



5.9430, 5.8723, 6.8059



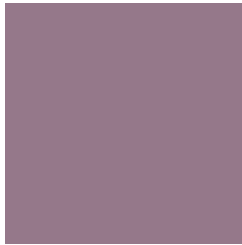
12.0899, 6.0410, 9.2202



0.1624, 0.0797, 0.1886

Previews

White Background



This preview shows how the XYZ color 23.6983, 21.6575, 26.9760 looks on a white background.

Color Contrast Check

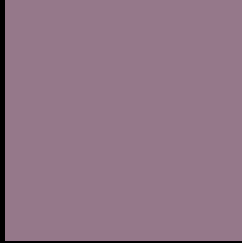
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6983, 21.6575, 26.9760 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 23.6983, 21.6575, 26.9760

Background



This preview shows how black text looks on a background with the XYZ color 23.6983, 21.6575, 26.9760.



This preview shows how white text looks on a background with the XYZ color 23.6983, 21.6575,

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

23.6983, 21.6575, 26.9760

Protanopia

21.2813, 21.8571, 29.0838

Deuteranopia

22.1655, 21.7917, 26.7049



Tritanopia

23.1468, 21.6093, 24.4238

Trichromacy



Original Color

23.6983, 21.6575, 26.9760

Protanomaly

21.9729, 21.6587, 28.2217

Deuteranomaly

22.5828, 21.6348, 26.6526

Tritanomaly

23.3532, 21.6919, 25.5104

Monochromacy



Original Color

23.6983, 21.6575, 26.9760

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.3737, 22.3032, 25.6800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6983, 21.6575, 26.9760 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(149, 120, 138)` looks like.

```
.text, #text, p{  
    color:rgb(149, 120, 138)  
}
```

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(149, 120, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 120, 138) }
```

Border

The CSS property to change the border of an element to XYZ 23.6983, 21.6575, 26.9760 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(149, 120, 138) }
```


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

```
.border{ border-color:rgb(149, 120, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 120, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 120, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 120, 138);  
box-shadow:4px 4px 4px 4px rgb(149, 120,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6983, 21.6575, 26.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 120, 138) }
```

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

```
.background{ background-color: rgb(149,  
120, 138) }
```

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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