

Converting Colors

XYZ(23.1314, 17.7582, 23.7574)

Have a look what the booklet for
XYZ(23.1314, 17.7582, 23.7574)
contains.

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Color

**XYZ(23.0694, 17.7651,
23.6859)**

Conversions

Conversions Part 1

Format	Color
Hex	A16183
RGB	161, 97, 131
RGB Percent	63%, 38%, 51%
CMY	0.3686, 0.6196, 0.4863
CMYK	0.00, 0.40, 0.19, 0.37
HSL	328°, 25%, 51%
HSV	328°, 40%, 63%
XYZ	23.0694, 17.7651, 23.6859
YIQ	120.0120, 27.2300, 24.1420

Conversions

Conversions Part 2

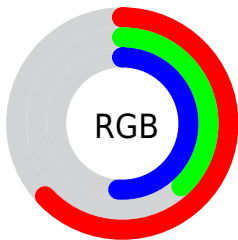
Format	Color
R_{YB}	161, 97, 131
Decimal	10576259
CIE Lab	49.21, 30.81, -7.85
CIE LCh	49, 31.798, 345.703
Yxy	17.7651, 0.3576, 0.2753
Android (android.graphics.Color)	4288766339 (0xFFA16183)
YUV	120.0120, 5.4171, 35.9465
Hunter-Lab	42.1487, 23.9390, -3.8146

Details

The XYZ color **23.0694, 17.7651, 23.6859** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.5062, 29.5640, 24.6529**, and the grayscale version is **17.8340, 18.7627, 20.4326**.

A 20% lighter version of the original color is **48.0144, 39.7073, 50.4810**, and **8.7643, 5.9112, 8.6617** is the 20% darker color. If you saturate the color by 10%, you get **21.2370, 14.8891, 20.6427**, and if you desaturate by 10%, it is **25.2420, 21.2615, 27.0268**.

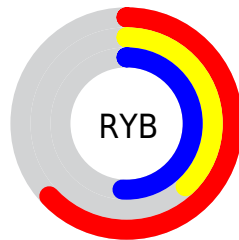
Distribution



Red (63%)

Green (38%)

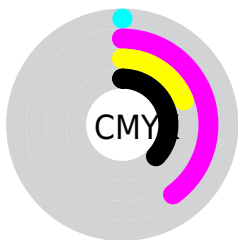
Blue (51%)



Red (63%)

Yellow (38%)

Blue (51%)

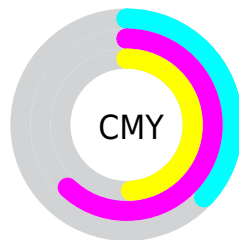


Cyan (0%)

Magenta (40%)

Yellow (19%)

Black (37%)



Cyan (37%)

Magenta (62%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0694, 17.7651, 23.6859 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 23.0694, 17.7651, 23.6859 by changing the saturation by 10% instead.

■ 23.0694, 17.7651,
23.6859

■ 23.0694, 17.7651,
23.6859

260.6099,
239.5437, 284.4639

■ 14.7657, 10.7815,
14.8907

■ 47.9731, 39.6367,
50.4545

■ 8.7404, 5.9201,
8.5970

■ 65.3038, 55.2934,
69.2651

■ 4.6280, 2.7965,
4.3860

■ 86.3743, 74.6099,
92.2512

■ 2.0632, 1.0265,
1.8394

■ 111.5498, 97.9707,
119.8314

■ 0.6691, 0.0000,
0.4538

141.1958,
125.7600, 152.4242

■ 0.0000, 0.0000,
0.0000

175.6776,

158.3624, 190.4482

215.3605,
196.1621, 234.3219

■ 23.0694, 17.7651,
23.6859

■ 23.0694, 17.7651,
23.6859

■ 21.2370, 14.8891,
20.6427

■ 25.2420, 21.2615,
27.0268

■ 19.7241, 12.5940,
17.8857

■ 27.7710, 25.4097,
30.6739

■ 18.5100, 10.8394,
15.4044

■ 30.6730, 30.2422,
34.6367

■ 17.5708, 9.5789,
13.1864

■ 33.9635, 35.7882,
38.9238

■ 16.8785, 8.7578,
11.2183

■ 37.6568, 42.0756,
43.5435

■ 16.3708, 8.2532,
9.4747

■ 41.7665, 49.1306,
48.5038

■ 16.3589, 8.2415,
9.4333

■ 46.3058, 56.9781,
53.8122

■ 51.2870, 65.6418,
59.4761

■ 56.7220, 75.1446,
65.5026

Harmonies

Analogous

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



21.3279, 17.7651, 33.2182



23.0694, 17.7651, 23.6859



23.0246, 17.7651, 15.2326

Triad

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



23.0694, 17.7651, 23.6859



15.3812, 17.7651, 7.4548



13.1909, 17.7651, 33.6281

Complementary

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



23.0694, 17.7651, 23.6859



21.5062, 29.5640, 24.6529

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.



11.9474, 17.7651, 24.1338



23.0694, 17.7651, 23.6859



13.1067, 17.7651, 9.9961

Square

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



23.0694, 17.7651, 23.6859



18.3403, 17.7651, 7.3998



11.9185, 17.7651, 15.5666



15.5092, 17.7651, 40.0040

Rectangle

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



23.0694, 17.7651, 23.6859



21.9794, 17.7651, 11.2592



11.9185, 17.7651, 15.5666



12.6460, 17.7651, 30.5888

Sweetspot

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



23.0699, 17.7659, 23.6863



53.5817, 51.9009, 60.2202



19.4410, 15.6253, 35.7099



11.6117, 11.1497, 13.0184



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.0699, 17.7659, 23.6863



38.2890, 27.0605, 37.4110



21.2318, 17.0307, 14.0069



7.2236, 7.1459, 8.1640



13.0860, 6.5904, 7.6433



0.2986, 0.1479, 0.2851

Inverse Universe

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



23.0699, 17.7659, 23.6863



38.2890, 27.0605, 37.4110



23.9217, 30.5302, 37.3728



7.2236, 7.1459, 8.1640



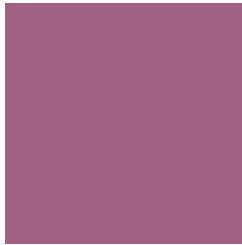
13.0860, 6.5904, 7.6433



0.2986, 0.1479, 0.2851

Previews

White Background



This preview shows how the XYZ color 23.0694, 17.7651, 23.6859 looks on a white background.

Color Contrast Check

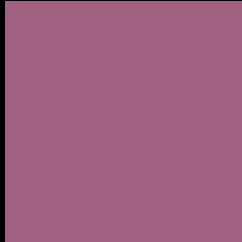
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.0694, 17.7651, 23.6859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

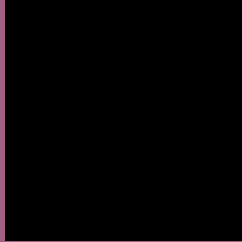
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0694, 17.7651, 23.6859

Background



This preview shows how black text looks on a background with the XYZ color 23.0694, 17.7651, 23.6859.



This preview shows how white text looks on a background with the XYZ color 23.0694, 17.7651,

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

23.0694, 17.7651, 23.6859

Protanopia

17.8350, 17.8839, 28.8975

Deuteranopia

18.2258, 17.8782, 22.9123



Tritanopia

21.7121, 17.7824, 16.7560

Trichromacy



Original Color

23.0694, 17.7651, 23.6859

Protanomaly

19.1821, 17.4685, 26.7868

Deuteranomaly

19.6415, 17.6285, 23.1363

Tritanomaly

22.2653, 17.8723, 19.1058

Monochromacy



Original Color

23.0694, 17.7651, 23.6859

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.4239, 18.1945, 21.5569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0694, 17.7651, 23.6859 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(161, 97, 131)` looks like.

```
.text, #text, p{  
    color:rgb(161, 97, 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(161, 97, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 97, 131) }
```

Border

The CSS property to change the border of an element to XYZ 23.0694, 17.7651, 23.6859 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(161, 97, 131) }
```


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

```
.border{ border-color:rgb(161, 97, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 97, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 97, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 97, 131);  
box-shadow:4px 4px 4px 4px rgb(161, 97,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0694, 17.7651, 23.6859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 97, 131) }
```

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

```
.background{ background-color: rgb(161, 97,  
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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