

Converting Colors

XYZ(23.7845, 19.0632, 27.2369)

Have a look what the booklet for
XYZ(23.7845, 19.0632, 27.2369)
contains.

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Color

**XYZ(23.7845, 19.0632,
27.2369)**

Conversions

Conversions Part 1

Format	Color
Hex	9E688C
RGB	158, 104, 140
RGB Percent	62%, 41%, 55%
CMY	0.3804, 0.5921, 0.4510
CMYK	0.00, 0.34, 0.11, 0.38
HSL	320°, 22%, 51%
HSV	320°, 34%, 62%
XYZ	23.7845, 19.0632, 27.2369
YIQ	124.2500, 20.6280, 22.6440

Conversions

Conversions Part 2

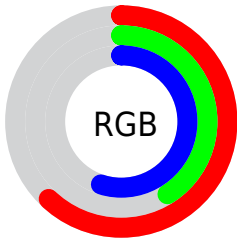
Format	Color
R _Y B	158, 104, 140
Decimal	10381452
CIE Lab	50.76, 27.32, -10.91
CIE LCh	51, 29.416, 338.226
Yxy	19.0632, 0.3394, 0.2720
Android (android.graphics.Color)	4288571532 (0xFF9E688C)
YUV	124.2500, 7.7648, 29.5987
Hunter-Lab	43.6614, 20.8301, -6.4233

Details

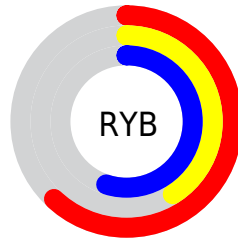
The XYZ color **23.7845, 19.0632, 27.2369** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.4495, 28.8025, 22.8426**, and the grayscale version is **19.2121, 20.2127, 22.0116**.

A 20% lighter version of the original color is **49.0666, 41.8181, 56.5245**, and **9.0853, 6.5698, 10.4621** is the 20% darker color. If you saturate the color by 10%, you get **21.9616, 16.0239, 24.7589**, and if you desaturate by 10%, it is **25.9251, 22.7076, 29.9130**.

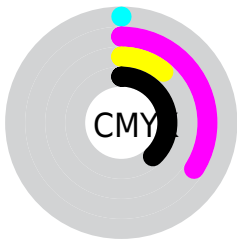
Distribution



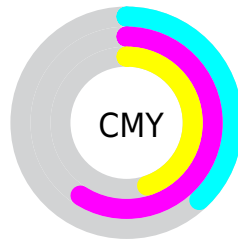
- Red (62%)
- Green (41%)
- Blue (55%)



- Red (62%)
- Yellow (41%)
- Blue (55%)



- Cyan (0%)
- Magenta (34%)
- Yellow (11%)
- Black (38%)



- Cyan (38%)
- Magenta (59%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7845, 19.0632, 27.2369 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 23.7845, 19.0632, 27.2369 by changing the saturation by 10% instead.

■ 23.7845, 19.0632,
27.2369

■ 23.7845, 19.0632,
27.2369

264.1899,
246.7974, 302.5987

■ 15.2977, 11.7160,
17.5172

■ 49.1355, 41.8409,
56.2721

■ 9.1163, 6.5506,
10.4381

■ 66.7305, 58.0401,
76.4248

■ 4.8748, 3.1827,
5.5810

■ 88.0922, 77.9587,
100.8921

■ 2.2080, 1.2278,
2.5274

■ 113.5861,
101.9812, 130.0927

■ 0.7469, 0.0843,
0.8546

143.5774,
130.4919, 164.4452

■ 0.0000, 0.0000,
0.0000

178.4316,

163.8753, 204.3679

218.5140,
202.5157, 250.2796

■ 23.7845, 19.0632,
27.2369

■ 23.7845, 19.0632,
27.2369

■ 21.9616, 16.0239,
24.7589

■ 25.9251, 22.7076,
29.9130

■ 20.4378, 13.5537,
22.4708

■ 28.3974, 26.9855,
32.7924

■ 19.1950, 11.6167,
20.3655

■ 31.2164, 31.9263,
35.8816

■ 18.2126, 10.1718,
18.4349

■ 34.3959, 37.5571,
39.1864

■ 17.4666, 9.1719,
16.6697

■ 37.9489, 43.9034,
42.7122

■ 16.9286, 8.5602,
15.0588

■ 41.8874, 50.9894,
46.4643

■ 16.6675, 8.2959,
14.1766

■ 46.2234, 58.8380,
50.4477

■ 50.9679, 67.4713,
54.6672

■ 56.1317, 76.9104,
59.1275

Harmonies

Analogous

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



21.7793, 19.0632, 35.9356



23.7845, 19.0632, 27.2369



24.1935, 19.0632, 18.5619

Triad

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



23.7845, 19.0632, 27.2369



17.3355, 19.0632, 8.6545



14.0951, 19.0632, 32.2426

Complementary

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



23.7845, 19.0632, 27.2369



21.4495, 28.8025, 22.8426

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.



13.1572, 19.0632, 23.1178



23.7845, 19.0632, 27.2369



14.8937, 19.0632, 10.5971

Square

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



23.7845, 19.0632, 27.2369



20.2593, 19.0632, 9.2081



13.4332, 19.0632, 15.3955



16.1350, 19.0632, 39.3196

Rectangle

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



23.7845, 19.0632, 27.2369



23.4690, 19.0632, 14.1032



13.4332, 19.0632, 15.3955



13.6509, 19.0632, 29.2293

Sweetspot

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



23.7851, 19.0641, 27.2373



53.5295, 52.4287, 61.7367



19.1488, 16.5079, 34.5252



11.9186, 11.5583, 13.7529



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.



23.7851, 19.0641, 27.2373



40.6175, 30.3137, 45.9983



22.0322, 18.3629, 18.0070



6.8101, 6.7169, 7.8509



13.3676, 6.6516, 11.4528



0.2578, 0.1264, 0.3037

Inverse Universe

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



23.7851, 19.0641, 27.2373



40.6175, 30.3137, 45.9983



23.3613, 29.5672, 32.9101



6.8101, 6.7169, 7.8509



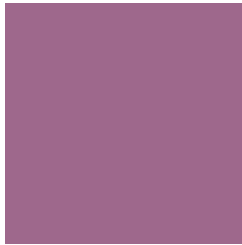
13.3676, 6.6516, 11.4528



0.2578, 0.1264, 0.3037

Previews

White Background



This preview shows how the XYZ color 23.7845, 19.0632, 27.2369 looks on a white background.

Color Contrast Check

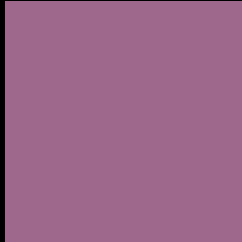
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7845, 19.0632, 27.2369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

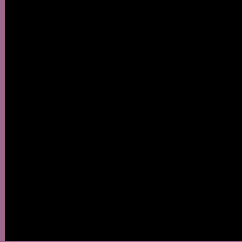
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.7845, 19.0632, 27.2369

Background



This preview shows how black text looks on a background with the XYZ color 23.7845, 19.0632, 27.2369.



This preview shows how white text looks on a background with the XYZ color 23.7845, 19.0632,

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

23.7845, 19.0632, 27.2369

Protanopia

19.2418, 19.2447, 31.9786

Deuteranopia

19.4512, 19.1230, 26.3328



Tritanopia

22.0910, 18.9780, 19.3284

Trichromacy



Original Color

23.7845, 19.0632, 27.2369

Protanomaly

20.4897, 18.8870, 30.1694

Deuteranomaly

20.8091, 18.9636, 26.6083

Tritanomaly

22.6697, 19.0640, 21.8869

Monochromacy



Original Color

23.7845, 19.0632, 27.2369

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.5439, 19.5685, 23.8134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7845, 19.0632, 27.2369 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(158, 104, 140)` looks like.

```
.text, #text, p{  
    color:rgb(158, 104, 140)  
}
```

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(158, 104, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 104, 140) }
```

Border

The CSS property to change the border of an element to XYZ 23.7845, 19.0632, 27.2369 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(158, 104, 140) }
```


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

```
.border{ border-color:rgb(158, 104, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 104, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 104, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 104, 140);  
box-shadow:4px 4px 4px 4px rgb(158, 104,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7845, 19.0632, 27.2369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 104, 140) }
```

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

```
.background{ background-color: rgb(158,  
104, 140) }
```

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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