

Converting Colors

XYZ(27.0806, 23.1076, 31.3343)

Have a look what the booklet for
XYZ(27.0806, 23.1076, 31.3343)
contains.

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Color

**XYZ(27.1259, 23.1501,
31.4725)**

Conversions

Conversions Part 1

Format	Color
Hex	A37795
RGB	163, 119, 149
RGB Percent	64%, 47%, 58%
CMY	0.3608, 0.5333, 0.4157
CMYK	0.00, 0.27, 0.09, 0.36
HSL	319°, 19%, 55%
HSV	319°, 27%, 64%
XYZ	27.1259, 23.1501, 31.4725
YIQ	135.5760, 16.5940, 18.6580

Conversions

Conversions Part 2

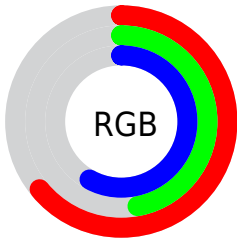
Format	Color
R_{YB}	163, 119, 149
Decimal	10712981
CIE Lab	55.23, 22.18, -9.43
CIE LCh	55, 24.105, 336.963
Yxy	23.1501, 0.3318, 0.2832
Android (android.graphics.Color)	4288903061 (0xFFA37795)
YUV	135.5760, 6.6180, 24.0508
Hunter-Lab	48.1146, 16.4338, -5.1024

Details

The XYZ color **27.1259, 23.1501, 31.4725** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.9395, 31.8105, 27.0173**, and the grayscale version is **23.2157, 24.4247, 26.5985**.

A 20% lighter version of the original color is **54.4455, 48.7223, 63.0347**, and **10.9503, 8.6417, 12.6461** is the 20% darker color. If you saturate the color by 10%, you get **24.9451, 19.4362, 28.7479**, and if you desaturate by 10%, it is **29.6592, 27.5388, 34.4061**.

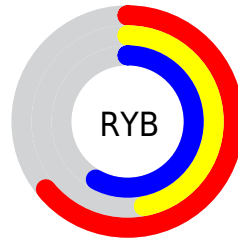
Distribution



Red (64%)

Green (47%)

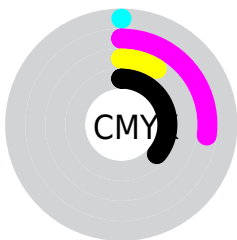
Blue (58%)



Red (64%)

Yellow (47%)

Blue (58%)

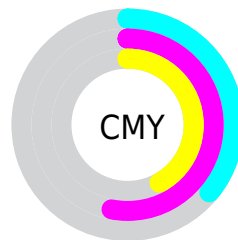


Cyan (0%)

Magenta (27%)

Yellow (9%)

Black (36%)



Cyan (36%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1259, 23.1501, 31.4725 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 27.1259, 23.1501, 31.4725 by changing the saturation by 10% instead.

■ 27.1259, 23.1501,
31.4725

■ 27.1259, 23.1501,
31.4725

280.4226,
268.4950, 323.1276

■ 17.8049, 14.7044,
20.6974

■ 54.5043, 48.6397,
63.0715

■ 10.9088, 8.6122,
12.7139

■ 73.2924, 66.4523,
84.7325

■ 6.0724, 4.4891,
7.1035

■ 95.9669, 88.1561,
110.8592

■ 2.9302, 1.9507,
3.4475

122.8931,
114.1353, 141.8702

■ 1.1170, 0.5786,
1.3274

154.4364,
144.7744, 178.1840

■ 0.0392, 0.0000,
0.0841

190.9622,

■ 0.0000, 0.0000,

180.4578, 220.2191

0.0000

232.8358,
221.5699, 268.3942

■ 27.1259, 23.1501,
31.4725

■ 27.1259, 23.1501,
31.4725

■ 24.9451, 19.4362,
28.7479

■ 29.6592, 27.5388,
34.4061

■ 23.0975, 16.3600,
26.2240

■ 32.5590, 32.6310,
37.5538

■ 21.5652, 13.8856,
23.8938

■ 35.8410, 38.4571,
40.9222

■ 20.3275, 11.9719,
21.7492

■ 39.5192, 45.0452,
44.5170

■ 19.3611, 10.5730,
19.7812

■ 43.6071, 52.4217,
48.3438

■ 18.6392, 9.6356,
17.9797

■ 48.1175, 60.6118,
52.4080

■ 18.1210, 9.0784,
16.3297

■ 53.0624, 69.6394,
56.7147

■ 17.9810, 8.9373,
15.8548

■ 58.4537, 79.5277,
61.2688

■ 60.7920, 83.2777,
64.9049

Harmonies

Analogous

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



25.2694, 23.1501, 39.0238



27.1259, 23.1501, 31.4725



27.5594, 23.1501, 23.4495

Triad

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



27.1259, 23.1501, 31.4725



21.3811, 23.1501, 13.1571



18.1167, 23.1501, 35.2267

Complementary

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



27.1259, 23.1501, 31.4725



24.9395, 31.8105, 27.0173

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.



17.2494, 23.1501, 27.0492



27.1259, 23.1501, 31.4725



19.0318, 23.1501, 15.1094

Square

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



27.1259, 23.1501, 31.4725



24.0946, 23.1501, 13.8658



17.5703, 23.1501, 19.8328



20.0370, 23.1501, 41.4820

Rectangle

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



27.1259, 23.1501, 31.4725



26.9537, 23.1501, 19.0575



17.5703, 23.1501, 19.8328



17.6998, 23.1501, 32.5535

Sweetspot

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



27.1266, 23.1511, 31.4730



57.6750, 57.3180, 66.5833



22.8710, 20.8203, 37.4640



12.7771, 12.5623, 14.7662



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.1266, 23.1511, 31.4730



46.3171, 37.5900, 53.5862



25.5370, 22.5153, 23.1025



7.2680, 7.1636, 8.3975



13.9957, 6.9543, 12.4339



0.3141, 0.1541, 0.3665

Inverse Universe

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



27.1266, 23.1511, 31.4730



46.3171, 37.5900, 53.5862



26.6165, 32.4813, 35.8483



7.2680, 7.1636, 8.3975



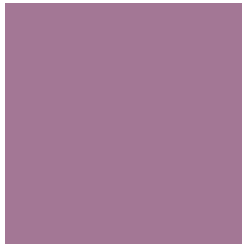
13.9957, 6.9543, 12.4339



0.3141, 0.1541, 0.3665

Previews

White Background



This preview shows how the XYZ color 27.1259, 23.1501, 31.4725 looks on a white background.

Color Contrast Check

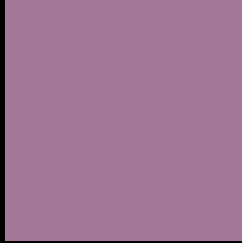
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1259, 23.1501, 31.4725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

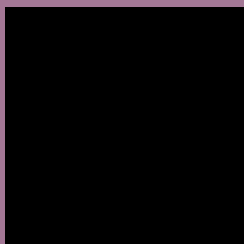
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1259, 23.1501, 31.4725

Background



This preview shows how black text looks on a background with the XYZ color 27.1259, 23.1501, 31.4725.



This preview shows how white text looks on a background with the XYZ color 27.1259, 23.1501,

31.4725.

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

27.1259, 23.1501, 31.4725

Protanopia

22.9545, 23.1789, 35.1624

Deuteranopia

23.7642, 23.2961, 30.8478



Tritanopia

25.8223, 23.1621, 24.9395

Trichromacy



Original Color

27.1259, 23.1501, 31.4725

Protanomaly

24.2373, 23.0873, 33.7507

Deuteranomaly

24.8917, 23.1012, 31.1640

Tritanomaly

26.3251, 23.1911, 27.1336

Monochromacy



Original Color

27.1259, 23.1501, 31.4725

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.6444, 23.9993, 28.5327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1259, 23.1501, 31.4725 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(163, 119, 149)` looks like.

```
.text, #text, p{  
    color:rgb(163, 119, 149)  
}
```

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(163, 119, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 119, 149) }
```

Border

The CSS property to change the border of an element to XYZ 27.1259, 23.1501, 31.4725 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(163, 119, 149) }
```


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

```
.border{ border-color:rgb(163, 119, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 119, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 119, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 119, 149);  
box-shadow:4px 4px 4px 4px rgb(163, 119,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1259, 23.1501, 31.4725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 119, 149) }
```

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

```
.background{ background-color: rgb(163,  
119, 149) }
```

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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