

Converting Colors

XYZ(24.3713, 20.0570, 31.6654)

Have a look what the booklet for
XYZ(24.3713, 20.0570, 31.6654)
contains.

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Color

**XYZ(24.3810, 20.0417,
31.8616)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6D97
RGB	154, 109, 151
RGB Percent	60%, 43%, 59%
CMY	0.3961, 0.5725, 0.4078
CMYK	0.00, 0.29, 0.02, 0.40
HSL	304°, 18%, 52%
HSV	304°, 29%, 60%
XYZ	24.3810, 20.0417, 31.8616
YIQ	127.2430, 13.3380, 22.6020

Conversions

Conversions Part 2

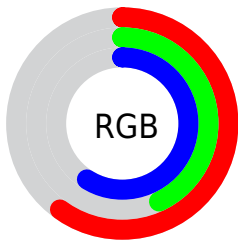
Format	Color
R_{YB}	154, 109, 151
Decimal	10120599
CIE _{Lab}	51.88, 25.09, -15.74
CIE _{LCh}	52, 29.616, 327.900
Yxy	20.0417, 0.3196, 0.2627
Android (android.graphics.Color)	4288310679 (0xFF9A6D97)
YUV	127.2430, 11.7122, 23.4659
Hunter-Lab	44.7680, 18.8687, -10.8594

Details

The XYZ color **24.3810, 20.0417, 31.8616** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.7877, 27.5329, 19.5491**, and the grayscale version is **20.2146, 21.2674, 23.1602**.

A 20% lighter version of the original color is **50.0588, 43.4528, 63.5065**, and **9.4485, 7.0824, 12.9256** is the 20% darker color. If you saturate the color by 10%, you get **22.7971, 17.0064, 30.9242**, and if you desaturate by 10%, it is **26.2547, 23.6548, 32.8996**.

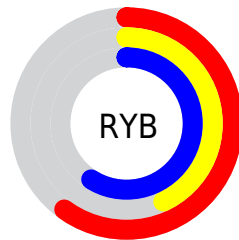
Distribution



Red (60%)

Green (43%)

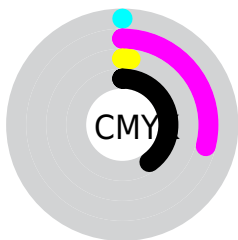
Blue (59%)



Red (60%)

Yellow (43%)

Blue (59%)

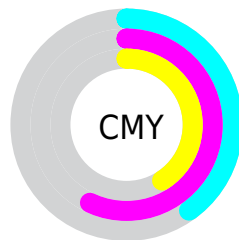


Cyan (0%)

Magenta (29%)

Yellow (2%)

Black (40%)



Cyan (40%)

Magenta (57%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3810, 20.0417, 31.8616 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 24.3810, 20.0417, 31.8616 by changing the saturation by 10% instead.

■ 24.3810, 20.0417,
31.8616

■ 24.3810, 20.0417,
31.8616

267.1459,
252.1408, 324.9616

■ 15.7428, 12.4254,
20.9919

■ 50.1014, 43.4871,
63.6894

■ 9.4320, 7.0341,
12.9269

■ 67.9142, 60.0849,
85.4846

■ 5.0834, 3.4834,
7.2481

■ 89.5160, 80.4454,
111.7587

■ 2.3315, 1.3890,
3.5369

■ 115.2720,
104.9528, 142.9303

■ 0.8107, 0.2086,
1.3749

145.5477,
133.9917, 179.4178

■ 0.0000, 0.0000,
0.1220

180.7083,

■ 0.0000, 0.0000,

167.9464, 221.6398

0.0000

221.1193,
207.2013, 270.0149

■ 24.3810, 20.0417,
31.8616

■ 24.3810, 20.0417,
31.8616

■ 22.7971, 17.0064,
30.9242

■ 26.2547, 23.6548,
32.8996

■ 21.4861, 14.5161,
30.0811

■ 28.4303, 27.8707,
34.0417

■ 20.4322, 12.5390,
29.3273

■ 30.9214, 32.7166,
35.2925

■ 19.6174, 11.0388,
28.6567

■ 33.7403, 38.2168,
36.6562

■ 19.0211, 9.9745,
28.0625

■ 36.8986, 44.3946,
38.1366

■ 18.6195, 9.2982,
27.5367

■ 40.4073, 51.2720,
39.7375

■ 18.3594, 8.9041,
27.0617

■ 44.2769, 58.8702,
41.4623

■ 18.3403, 8.8756,
27.0251

■ 48.5175, 67.2092,
43.3145

■ 53.1389, 76.3086,
45.2972

Harmonies

Analogous

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



21.8858, 20.0417, 39.9798



24.3810, 20.0417, 31.8616



25.4336, 20.0417, 22.4348

Triad

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



24.3810, 20.0417, 31.8616



19.2618, 20.0417, 9.1010



14.3808, 20.0417, 30.5273

Complementary

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



24.3810, 20.0417, 31.8616



20.7877, 27.5329, 19.5491

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.



13.8337, 20.0417, 21.2205



24.3810, 20.0417, 31.8616



16.4687, 20.0417, 10.2119

Square

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



24.3810, 20.0417, 31.8616



22.2910, 20.0417, 10.5823



14.5573, 20.0417, 14.1498



16.1377, 20.0417, 39.0777

Rectangle

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



24.3810, 20.0417, 31.8616



25.1003, 20.0417, 17.1163



14.5573, 20.0417, 14.1498



14.0580, 20.0417, 27.3196

Sweetspot

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



24.3816, 20.0426, 31.8620



51.6616, 50.6603, 61.8470



17.9844, 16.7162, 32.8509



11.5631, 11.2139, 13.9318



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.3816, 20.0426, 31.8620



42.3664, 32.7168, 56.7546



22.7251, 19.3800, 23.1389



6.4434, 6.3165, 7.7152



14.9473, 7.2331, 22.0451



0.2281, 0.1100, 0.3538

Inverse Universe

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



24.3816, 20.0426, 31.8620



42.3664, 32.7168, 56.7546



22.2011, 28.0983, 26.9917



6.4434, 6.3165, 7.7152



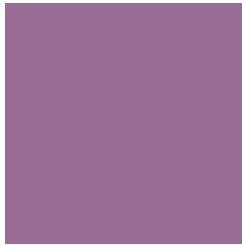
14.9473, 7.2331, 22.0451



0.2281, 0.1100, 0.3538

Previews

White Background



This preview shows how the XYZ color 24.3810, 20.0417, 31.8616 looks on a white background.

Color Contrast Check

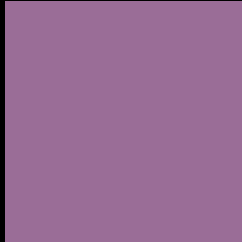
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3810, 20.0417, 31.8616 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 24.3810, 20.0417, 31.8616

Background



This preview shows how black text looks on a background with the XYZ color 24.3810, 20.0417, 31.8616.



This preview shows how white text looks on a background with the XYZ color 24.3810, 20.0417,

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

24.3810, 20.0417, 31.8616

Protanopia

20.4554, 20.3165, 36.5616

Deuteranopia

20.5744, 20.1298, 31.2348



Tritanopia

22.1701, 19.9487, 21.4209

Trichromacy



Original Color

24.3810, 20.0417, 31.8616

Protanomaly

21.6175, 20.0583, 34.6306

Deuteranomaly

21.8580, 20.0755, 31.5771

Tritanomaly

22.7903, 19.8611, 24.8227

Monochromacy



Original Color

24.3810, 20.0417, 31.8616

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.4769, 20.5289, 26.1231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3810, 20.0417, 31.8616 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(154, 109, 151)` looks like.

```
.text, #text, p{  
    color:rgb(154, 109, 151)  
}
```

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(154, 109, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 109, 151) }
```

Border

The CSS property to change the border of an element to XYZ 24.3810, 20.0417, 31.8616 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(154, 109, 151) }
```


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

```
.border{ border-color:rgb(154, 109, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 109, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 109, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 109, 151);  
box-shadow:4px 4px 4px 4px rgb(154, 109,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3810, 20.0417, 31.8616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 109, 151) }
```

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

```
.background{ background-color: rgb(154,  
109, 151) }
```

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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