

Converting Colors

XYZ(25.4040, 23.0164, 27.0793)

Have a look what the booklet for
XYZ(25.4040, 23.0164, 27.0793)
contains.

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Color

**XYZ(25.3807, 23.0688,
27.1598)**

Conversions

Conversions Part 1

Format	Color
Hex	9C7B8A
RGB	156, 123, 138
RGB Percent	61%, 48%, 54%
CMY	0.3882, 0.5176, 0.4588
CMYK	0.00, 0.21, 0.12, 0.39
HSL	333°, 14%, 55%
HSV	333°, 21%, 61%
XYZ	25.3807, 23.0688, 27.1598
YIQ	134.5770, 14.8530, 11.6610

Conversions

Conversions Part 2

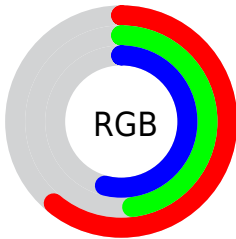
Format	Color
R _Y B	156, 123, 138
Decimal	10255242
CIE Lab	55.14, 15.33, -3.24
CIE LCh	55, 15.664, 348.072
Yxy	23.0688, 0.3357, 0.3051
Android (android.graphics.Color)	4288445322 (0xFF9C7B8A)
YUV	134.5770, 1.6875, 18.7880
Hunter-Lab	48.0300, 10.2731, 0.0939

Details

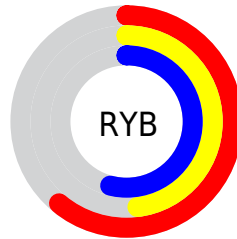
The XYZ color **25.3807, 23.0688, 27.1598** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.8655, 29.9116, 29.6636**, and the grayscale version is **22.8632, 24.0539, 26.1947**.

A 20% lighter version of the original color is **51.7933, 48.6611, 55.9530**, and **9.9192, 8.5452, 10.3591** is the 20% darker color. If you saturate the color by 10%, you get **23.0055, 19.2658, 23.4466**, and if you desaturate by 10%, it is **28.1139, 27.5099, 31.2311**.

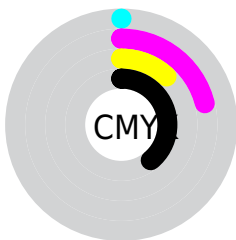
Distribution



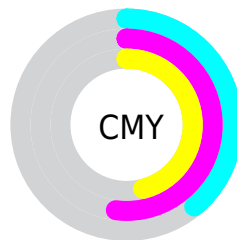
- Red (61%)
- Green (48%)
- Blue (54%)



- Red (61%)
- Yellow (48%)
- Blue (54%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (39%)



- Cyan (39%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3807, 23.0688, 27.1598 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 25.3807, 23.0688, 27.1598 by changing the saturation by 10% instead.

■ 25.3807, 23.0688,
27.1598

■ 25.3807, 23.0688,
27.1598

272.0414,
268.0782, 302.2146

■ 16.4912, 14.6443,
17.4598

■ 51.7126, 48.5063,
56.1470

■ 9.9654, 8.5701,
10.3974

■ 69.8857, 66.2881,
76.2713

■ 5.4381, 4.4619,
5.5542

■ 91.8840, 87.9577,
100.7075

■ 2.5439, 1.9351,
2.5116

118.0729,
113.8997, 129.8740

■ 0.9175, 0.5694,
0.8463

148.8177,
144.4983, 164.1894

■ 0.0000, 0.0000,
0.0000

184.4838,

180.1380, 204.0723

225.4366,
221.2031, 249.9412

■ 25.3807, 23.0688,
27.1598

■ 25.3807, 23.0688,
27.1598

■ 23.0055, 19.2658,
23.4466

■ 28.1139, 27.5099,
31.2311

■ 20.9706, 16.0683,
20.0794

■ 31.2178, 32.6138,
35.6691

■ 19.2599, 13.4453,
17.0474

■ 34.7069, 38.4074,
40.4841

■ 17.8548, 11.3620,
14.3385

■ 38.5943, 44.9153,
45.6853

■ 16.7351, 9.7795,
11.9401

■ 42.8924, 52.1609,
51.2817

■ 15.8777, 8.6538,
9.8379

■ 47.6132, 60.1666,
57.2819

■ 15.2555, 7.9331,
8.0164

■ 52.7680, 68.9536,
63.6943

■ 14.8446, 7.5217,
6.6143

■ 58.3679, 78.5426,
70.5269

■ 61.6834, 83.4732,
76.8744

Harmonies

Analogous

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



24.5222, 23.0688, 32.1122



25.3807, 23.0688, 27.1598



25.2781, 23.0688, 22.2496

Triad

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



25.3807, 23.0688, 27.1598



20.9003, 23.0688, 17.0356



19.7568, 23.0688, 32.9790

Complementary

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



25.3807, 23.0688, 27.1598



24.8655, 29.9116, 29.6636

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.



18.8846, 23.0688, 28.2229



25.3807, 23.0688, 27.1598



19.5202, 23.0688, 19.2211

Square

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



25.3807, 23.0688, 27.1598



22.6280, 23.0688, 16.8303



18.8003, 23.0688, 23.1812



21.2391, 23.0688, 35.7584

Rectangle

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



25.3807, 23.0688, 27.1598



24.6791, 23.0688, 19.6391



18.8003, 23.0688, 23.1812



19.3860, 23.0688, 31.5315

Sweetspot

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



25.3814, 23.0698, 27.1603



53.8139, 54.4774, 60.6965



24.0012, 22.1951, 34.4719



11.7687, 11.8678, 13.2518



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.



25.3814, 23.0698, 27.1603



44.1473, 38.7615, 46.3225



24.5065, 22.9394, 21.8762



6.7521, 6.6938, 7.5458



12.2444, 6.2023, 5.5381



0.2400, 0.1193, 0.2101

Inverse Universe

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



25.3814, 23.0698, 27.1603



44.1473, 38.7615, 46.3225



25.8746, 30.0212, 35.8837



6.7521, 6.6938, 7.5458



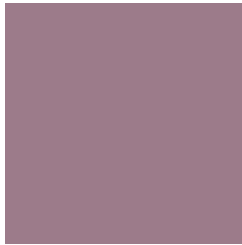
12.2444, 6.2023, 5.5381



0.2400, 0.1193, 0.2101

Previews

White Background



This preview shows how the XYZ color 25.3807, 23.0688, 27.1598 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 25.3807, 23.0688, 27.1598 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 25.3807, 23.0688, 27.1598

Background



This preview shows how black text looks on a background with the XYZ color 25.3807, 23.0688, 27.1598.



This preview shows how white text looks on a background with the XYZ color 25.3807, 23.0688,

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

25.3807, 23.0688, 27.1598

Protanopia

22.4343, 23.0411, 29.2516

Deuteranopia

23.5622, 23.0841, 26.8807



Tritanopia

24.9589, 23.0773, 25.3292

Trichromacy



Original Color

25.3807, 23.0688, 27.1598

Protanomaly

23.3421, 22.9369, 28.3963

Deuteranomaly

24.1890, 23.0238, 26.8360

Tritanomaly

25.0984, 23.1331, 26.0640

Monochromacy



Original Color

25.3807, 23.0688, 27.1598

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.8879, 23.8498, 26.6370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3807, 23.0688, 27.1598 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(156, 123, 138)` looks like.

```
.text, #text, p{  
    color:rgb(156, 123, 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(156, 123, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 123, 138) }
```

Border

The CSS property to change the border of an element to XYZ 25.3807, 23.0688, 27.1598 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(156, 123, 138) }
```


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

```
.border{ border-color:rgb(156, 123, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 123, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 123, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 123, 138);  
box-shadow:4px 4px 4px 4px rgb(156, 123,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3807, 23.0688, 27.1598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 123, 138) }
```

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

```
.background{ background-color: rgb(156,  
123, 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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