

Converting Colors

XYZ(25.6125, 20.4823, 24.6851)

Have a look what the booklet for
XYZ(25.6125, 20.4823, 24.6851)
contains.

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Color

**XYZ(25.6398, 20.5337,
24.8023)**

Conversions

Conversions Part 1

Format	Color
Hex	A86B85
RGB	168, 107, 133
RGB Percent	66%, 42%, 52%
CMY	0.3412, 0.5804, 0.4784
CMYK	0.00, 0.36, 0.21, 0.34
HSL	334°, 26%, 54%
HSV	334°, 36%, 66%
XYZ	25.6398, 20.5337, 24.8023
YIQ	128.2030, 28.0100, 21.0180

Conversions

Conversions Part 2

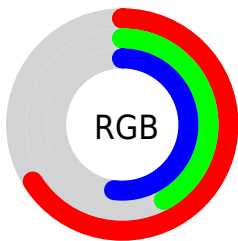
Format	Color
R_{YB}	168, 107, 133
Decimal	11037573
CIE _{Lab}	52.44, 28.09, -4.15
CIE _{LCh}	52, 28.394, 351.591
Yxy	20.5337, 0.3612, 0.2893
Android (android.graphics.Color)	4289227653 (0xFFA86B85)
YUV	128.2030, 2.3649, 34.9020
Hunter-Lab	45.3141, 21.6998, -0.7320

Details

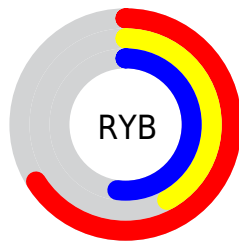
The XYZ color **25.6398, 20.5337, 24.8023** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.9495, 33.0846, 30.6639**, and the grayscale version is **20.5740, 21.6455, 23.5719**.

A 20% lighter version of the original color is **52.0015, 44.1887, 52.2429**, and **10.0527, 7.2436, 9.2558** is the 20% darker color. If you saturate the color by 10%, you get **23.4198, 17.1108, 20.9258**, and if you desaturate by 10%, it is **28.2625, 24.6635, 29.1150**.

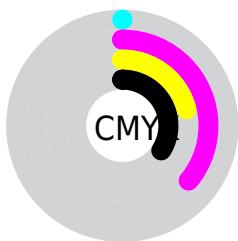
Distribution



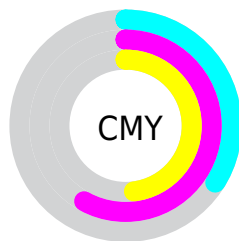
- Red (66%)
- Green (42%)
- Blue (52%)



- Red (66%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (36%)
- Yellow (21%)
- Black (34%)




- Cyan (34%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6398, 20.5337, 24.8023 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 25.6398, 20.5337, 24.8023 by changing the saturation by 10% instead.


 25.6398, 20.5337,
24.8023


 25.6398, 20.5337,
24.8023


273.2986,
254.7899, 290.2680


 16.6856, 12.7836,
15.7121


 52.1287, 44.3102,
52.2965


 10.1045, 7.2797,
9.1685


 70.3942, 61.1053,
71.5375

 5.5311, 3.6376,
4.7530

 92.4942, 81.6843,
94.9993

 2.6000, 1.4730,
2.0469

 118.7940,
106.4314, 123.1004

 0.9460, 0.2696,
0.5839

149.6590,
135.7312, 156.2592

 0.0000, 0.0000,
0.0000

185.4545,

169.9679, 194.8944

226.5459,
209.5260, 239.4245

■ 25.6398, 20.5337,
24.8023

■ 25.6398, 20.5337,
24.8023

■ 23.4198, 17.1108,
20.9258

■ 28.2625, 24.6635,
29.1150

■ 21.5791, 14.3518,
17.4692

■ 31.3057, 29.5344,
33.8771

■ 20.0950, 12.2133,
14.4165

■ 34.7886, 35.1818,
39.1026


■ 18.9410, 10.6454,
11.7501


■ 38.7284, 41.6378,
44.8044


■ 18.0868, 9.5906,
9.4508

■ 43.1414, 48.9329,
50.9952


 17.4914, 8.9698,
7.4950

 48.0432, 57.0960,
57.6866

 17.3053, 8.7876,
6.8469

 53.4486, 66.1545,
64.8904

 59.3717, 76.1345,
72.6176

 64.7951, 84.9995,
80.5353

Harmonies

Analogous

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



24.2745, 20.5337, 33.9597



25.6398, 20.5337, 24.8023



25.2402, 20.5337, 16.9287

Triad

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



25.6398, 20.5337, 24.8023



17.5154, 20.5337, 10.4571



16.2204, 20.5337, 37.5406

Complementary

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



25.6398, 20.5337, 24.8023



24.9495, 33.0846, 30.6639

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.



14.7312, 20.5337, 28.8386



25.6398, 20.5337, 24.8023



15.4251, 20.5337, 13.7543

Square

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



25.6398, 20.5337, 24.8023



20.3526, 20.5337, 9.8898



14.4554, 20.5337, 20.0793



18.7040, 20.5337, 42.4280

Rectangle

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



25.6398, 20.5337, 24.8023



24.0426, 20.5337, 13.2637



14.4554, 20.5337, 20.0793



15.5977, 20.5337, 34.8749

Sweetspot

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



25.6404, 20.5347, 24.8027



59.9334, 58.6462, 66.2090



23.4076, 19.0562, 39.4905



12.8870, 12.4973, 14.1662



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.6404, 20.5347, 24.8027



43.0577, 31.9029, 38.9784



24.4948, 20.7709, 16.6293



7.6588, 7.5934, 8.5206



13.0928, 6.6458, 5.3003



0.3443, 0.1720, 0.2647

Inverse Universe

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



25.6404, 20.5347, 24.8027



43.0577, 31.9029, 38.9784



26.3955, 32.4806, 41.9242



7.6588, 7.5934, 8.5206



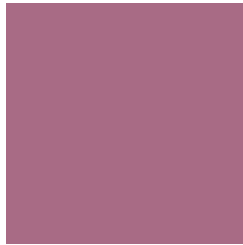
13.0928, 6.6458, 5.3003



0.3443, 0.1720, 0.2647

Previews

White Background



This preview shows how the XYZ color 25.6398, 20.5337, 24.8023 looks on a white background.

Color Contrast Check

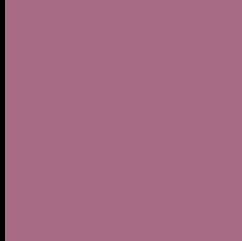
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6398, 20.5337, 24.8023 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 25.6398, 20.5337, 24.8023

Background



This preview shows how black text looks on a background with the XYZ color 25.6398, 20.5337, 24.8023.



This preview shows how white text looks on a background with the XYZ color 25.6398, 20.5337,

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

25.6398, 20.5337, 24.8023

Protanopia

20.3937, 20.8184, 29.3291

Deuteranopia

20.9805, 20.6817, 24.0053



Tritanopia

24.5718, 20.5669, 19.8143

Trichromacy



Original Color

25.6398, 20.5337, 24.8023

Protanomaly

21.8595, 20.3393, 27.5847

Deuteranomaly

22.4906, 20.5643, 24.2567

Tritanomaly

24.9801, 20.5828, 21.3952

Monochromacy



Original Color

25.6398, 20.5337, 24.8023

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.0734, 20.8843, 23.9868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6398, 20.5337, 24.8023 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(168, 107, 133)` looks like.

```
.text, #text, p{  
    color:rgb(168, 107, 133)  
}
```

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(168, 107, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 107, 133) }
```

Border

The CSS property to change the border of an element to XYZ 25.6398, 20.5337, 24.8023 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(168, 107, 133) }
```


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

```
.border{ border-color:rgb(168, 107, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 107, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 107, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 107, 133); box-shadow:4px 4px 4px 4px rgb(168, 107, 133) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6398, 20.5337, 24.8023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 107, 133) }
```

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

```
.background{ background-color: rgb(168,  
107, 133) }
```

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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