

Converting Colors

XYZ(24.8145, 20.3702, 23.5936)

Have a look what the booklet for
XYZ(24.8145, 20.3702, 23.5936)
contains.

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Color

**XYZ(24.8077, 20.4415,
23.7572)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A46D82 |
| RGB | 164, 109, 130 |
| RGB Percent | 64%, 43%, 51% |
| CMY | 0.3569, 0.5725, 0.4902 |
| CMYK | 0.00, 0.34, 0.21, 0.36 |
| HSL | 337°, 23%, 54% |
| HSV | 337°, 34%, 64% |
| XYZ | 24.8077, 20.4415, 23.7572 |
| YIQ | 127.8390, 26.0390, 18.1910 |

Conversions

Conversions Part 2

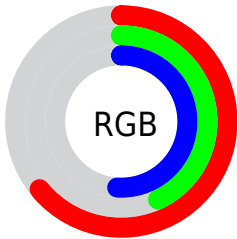
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 164, 109, 130 |
| Decimal | 10775938 |
| CIELab | 52.33, 25.00, -2.59 |
| CIELCh | 52, 25.132, 354.087 |
| Yxy | 20.4415, 0.3595, 0.2962 |
| Android (android.graphics.Color) | 4288966018 (0xFFA46D82) |
| YUV | 127.8390, 1.0654, 31.7132 |
| Hunter-Lab | 45.2123, 18.8204, 0.4941 |

Details

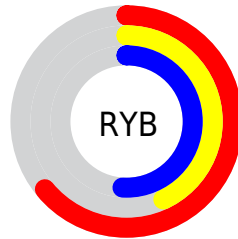
The XYZ color **24.8077, 20.4415, 23.7572** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.5409, 31.7857, 30.8299**, and the grayscale version is **20.4527, 21.5178, 23.4329**.

A 20% lighter version of the original color is **50.8073, 44.1243, 50.6387**, and **9.6566, 7.2053, 8.6664** is the 20% darker color. If you saturate the color by 10%, you get **22.5714, 17.0047, 19.8180**, and if you desaturate by 10%, it is **27.4387, 24.5599, 28.1593**.

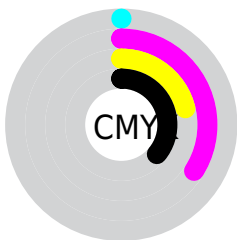
Distribution



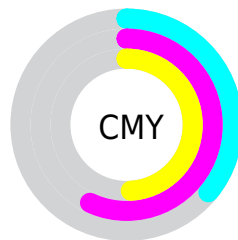
- Red (64%)
- Green (43%)
- Blue (51%)



- Red (64%)
- Yellow (43%)
- Blue (51%)



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





- Cyan (36%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.8077, 20.4415, 23.7572 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 24.8077, 20.4415, 23.7572 by changing the saturation by 10% instead.


 24.8077, 20.4415,
23.7572

 24.8077, 20.4415,
23.7572


269.2443,
254.2953, 284.8376


 16.0618, 12.7164,
14.9431


 50.7902, 44.1562,
50.5725


 9.6590, 7.2335,
8.6333


 68.7576, 60.9145,
69.4109

 5.2340, 3.6086,
4.4092

 90.5295, 81.4527,
92.4276

 2.4214, 1.4571,
1.8524

 116.4712,
106.1551, 120.0414

 0.8558, 0.2583,
0.4622

146.9482,
135.4062, 152.6708

 0.0000, 0.0000,
0.0000

182.3258,

169.5903, 190.7342

222.9694,
209.0919, 234.6503

■ 24.8077, 20.4415,
23.7572

■ 24.8077, 20.4415,
23.7572

■ 22.5714, 17.0047,
19.8180

■ 27.4387, 24.5599,
28.1593

■ 20.7078, 14.2094,
16.3242

■ 30.4812, 29.3913,
33.0384

■ 19.1957, 12.0158,
13.2590


■ 33.9533, 34.9687,
38.4094


■ 18.0105, 10.3786,
10.6036


■ 37.8714, 41.3220,
44.2864


■ 17.1244, 9.2456,
8.3379


■ 42.2508, 48.4797,
50.6826

 16.5045, 8.5546,
6.4390

 47.1064, 56.4686,
57.6109

 16.1963, 8.2471,
5.3842

 52.4523, 65.3145,
65.0836

 58.3020, 75.0418,
73.1126

 64.1543, 84.6463,
81.5382

Harmonies

Analogous

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



23.7418, 20.4415, 31.7009



24.8077, 20.4415, 23.7572



24.3323, 20.4415, 16.9357

Triad

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



24.8077, 20.4415, 23.7572



17.4692, 20.4415, 11.6220



16.6554, 20.4415, 35.9009

Complementary

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



24.8077, 20.4415, 23.7572



24.5409, 31.7857, 30.8299

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.



15.2332, 20.4415, 28.5911



24.8077, 20.4415, 23.7572



15.6730, 20.4415, 14.9044

Square

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



24.8077, 20.4415, 23.7572



19.9459, 20.4415, 10.8831



14.8901, 20.4415, 20.8219



18.9212, 20.4415, 39.6437

Rectangle

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



24.8077, 20.4415, 23.7572



23.2248, 20.4415, 13.7455



14.8901, 20.4415, 20.8219



16.0712, 20.4415, 33.7106

Sweetspot

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



24.8083, 20.4425, 23.7576



57.3490, 56.5840, 63.1315



23.4835, 19.4509, 37.6387



12.3598, 12.0854, 13.5245



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.



24.8083, 20.4425, 23.7576



42.0306, 32.4820, 37.8796



24.2492, 21.3543, 17.3129



7.1804, 7.1286, 7.9367



12.4403, 6.3322, 4.2431



0.2840, 0.1421, 0.2082

Inverse Universe

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



24.8083, 20.4425, 23.7576



42.0306, 32.4820, 37.8796



25.1641, 30.2438, 39.6334



7.1804, 7.1286, 7.9367



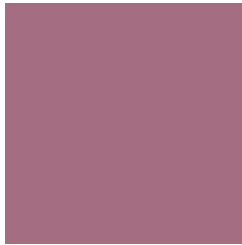
12.4403, 6.3322, 4.2431



0.2840, 0.1421, 0.2082

Previews

White Background



This preview shows how the XYZ color 24.8077, 20.4415, 23.7572 looks on a white background.

Color Contrast Check

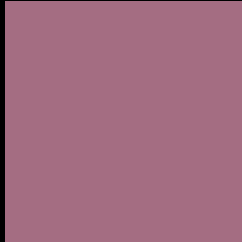
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8077, 20.4415, 23.7572 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 24.8077, 20.4415, 23.7572

Background



This preview shows how black text looks on a background with the XYZ color 24.8077, 20.4415, 23.7572.



This preview shows how white text looks on a background with the XYZ color 24.8077, 20.4415,

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

24.8077, 20.4415, 23.7572

Protanopia

20.0362, 20.4903, 27.3251

Deuteranopia

20.8870, 20.4675, 23.2718



Tritanopia

24.1185, 20.4873, 20.1360

Trichromacy



Original Color

24.8077, 20.4415, 23.7572

Protanomaly

21.5220, 20.3745, 26.0909

Deuteranomaly

22.1778, 20.4186, 23.5412

Tritanomaly

24.2553, 20.3685, 21.3920

Monochromacy



Original Color

24.8077, 20.4415, 23.7572

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.7843, 20.9224, 23.6592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8077, 20.4415, 23.7572 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(164, 109, 130)` looks like.

```
.text, #text, p{  
    color:rgb(164, 109, 130)  
}
```

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(164, 109, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 109, 130) }
```

Border

The CSS property to change the border of an element to XYZ 24.8077, 20.4415, 23.7572 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(164, 109, 130) }
```


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

```
.border{ border-color:rgb(164, 109, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 109, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 109, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 109, 130);  
box-shadow:4px 4px 4px 4px rgb(164, 109,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8077, 20.4415, 23.7572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 109, 130) }
```

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

```
.background{ background-color: rgb(164,  
109, 130) }
```

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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