

Converting Colors

XYZ(28.5440, 23.9970, 22.2181)

Have a look what the booklet for
XYZ(28.5440, 23.9970, 22.2181)
contains.

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Color

**XYZ(28.4766, 23.8771,
22.1766)**

Conversions

Conversions Part 1

Format	Color
Hex	B2767C
RGB	178, 118, 124
RGB Percent	70%, 46%, 49%
CMY	0.3020, 0.5372, 0.5137
CMYK	0.00, 0.34, 0.30, 0.30
HSL	354°, 28%, 58%
HSV	354°, 34%, 70%
XYZ	28.4766, 23.8771, 22.1766
YIQ	136.6240, 33.8340, 14.5860

Conversions

Conversions Part 2

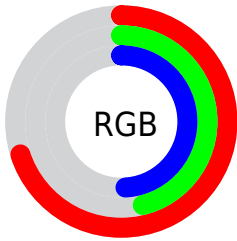
Format	Color
R_{YB}	178, 118, 124
Decimal	11695740
CIE _{Lab}	55.96, 24.38, 6.40
CIE _{LCh}	56, 25.205, 14.720
Yxy	23.8771, 0.3821, 0.3204
Android (android.graphics.Color)	4289885820 (0xFFB2767C)
YUV	136.6240, -6.2236, 36.2868
Hunter-Lab	48.8642, 18.5121, 7.2967

Details

The XYZ color **28.4766, 23.8771, 22.1766** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.8391, 38.6714, 44.8707**, and the grayscale version is **23.6504, 24.8820, 27.0965**.

A 20% lighter version of the original color is **56.6603, 49.9226, 47.7240**, and **11.7103, 9.0493, 7.7861** is the 20% darker color. If you saturate the color by 10%, you get **25.6426, 19.7009, 16.6328**, and if you desaturate by 10%, it is **31.8720, 28.9125, 28.7202**.

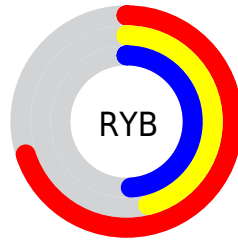
Distribution



Red (70%)

Green (46%)

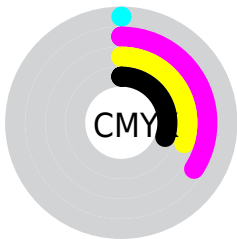
Blue (49%)



Red (70%)

Yellow (46%)

Blue (49%)

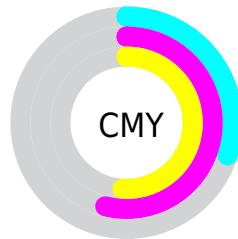


Cyan (0%)

Magenta (34%)

Yellow (30%)

Black (30%)



Cyan (30%)


Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4766, 23.8771, 22.1766 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 28.4766, 23.8771, 22.1766 by changing the saturation by 10% instead.


 28.4766, 23.8771,
22.1766


 28.4766, 23.8771,
22.1766

286.7763,
272.1985, 276.4507


 18.8275, 15.2425,
13.7872


 56.6478, 49.8296,
47.9436

 11.6490, 8.9897,
7.8357


 75.9006, 67.9162,
66.1583

 6.5756, 4.7345,
3.9038


 99.0854, 89.9223,
88.4851

 3.2421, 2.0923,
1.5727

126.5675,
116.2323, 115.3427

 1.2830, 0.6603,
0.2712

158.7123,
147.2305, 147.1495

 0.1705, 0.0000,
0.0000

195.8851,

 0.0000, 0.0000,

183.3013, 184.3240

0.0000

238.4513,
224.8292, 227.2849

■ 28.4766, 23.8771,
22.1766

■ 28.4766, 23.8771,
22.1766

■ 25.6426, 19.7009,
16.6328

■ 31.8720, 28.9125,
28.7202

■ 23.3380, 16.3328,
12.0382

■ 35.8550, 34.8477,
36.3081

■ 21.5301, 13.7213,
8.3398

■ 40.4521, 41.7250,
44.9836


■ 20.1822, 11.8078,
5.4788


■ 45.6881, 49.5829,
54.7875


■ 19.2522, 10.5250,
3.3894


■ 51.5859, 58.4577,
65.7581


 18.6902, 9.7923,
1.9958

 58.1677, 68.3840,
77.9322

 18.4676, 9.5080,
1.4251

 65.4544, 79.3947,
91.3448

 71.7176, 88.0240,
105.4466

 72.1701, 88.2050,
107.8292

Harmonies

Analogous

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



28.4603, 23.8771, 30.4011



28.4766, 23.8771, 22.1766



26.8567, 23.8771, 16.3674

Triad

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



28.4766, 23.8771, 22.1766



19.0201, 23.8771, 16.2870



21.2675, 23.8771, 44.4723

Complementary

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



28.4766, 23.8771, 22.1766



30.8391, 38.6714, 44.8707

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.



18.9861, 23.8771, 38.8158



28.4766, 23.8771, 22.1766



17.7652, 23.8771, 22.0421

Square

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



28.4766, 23.8771, 22.1766



21.3176, 23.8771, 13.4879



17.7533, 23.8771, 30.2352



24.1294, 23.8771, 44.5297

Rectangle

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



28.4766, 23.8771, 22.1766



25.1399, 23.8771, 14.1421



17.7533, 23.8771, 30.2352



20.4130, 23.8771, 43.1171

Sweetspot

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



28.4772, 23.8782, 22.1771



67.8359, 67.4005, 71.1702



31.5283, 24.9431, 45.2723



14.7799, 14.5602, 15.2967



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.4772, 23.8782, 22.1771



47.9464, 37.8503, 33.0064



31.3038, 30.1200, 21.3049



8.5297, 8.5186, 9.0220



13.2252, 6.8076, 1.0798



0.4273, 0.2187, 0.0929

Inverse Universe

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



28.4772, 23.8782, 22.1771



47.9464, 37.8503, 33.0064



27.0637, 30.1781, 46.5180



8.5297, 8.5186, 9.0220



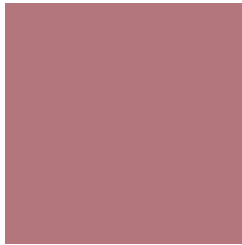
13.2252, 6.8076, 1.0798



0.4273, 0.2187, 0.0929

Previews

White Background



This preview shows how the XYZ color 28.4766, 23.8771, 22.1766 looks on a white background.

Color Contrast Check

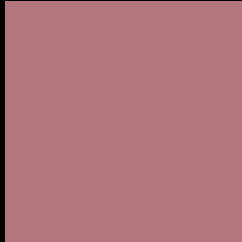
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4766, 23.8771, 22.1766 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 28.4766, 23.8771, 22.1766

Background



This preview shows how black text looks on a background with the XYZ color 28.4766, 23.8771, 22.1766.



This preview shows how white text looks on a background with the XYZ color 28.4766, 23.8771,

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

28.4766, 23.8771, 22.1766

Protanopia

23.0753, 24.0620, 25.6185

Deuteranopia

24.4444, 24.0458, 21.7653



Tritanopia

28.6044, 23.9282, 22.8497

Trichromacy



Original Color

28.4766, 23.8771, 22.1766

Protanomaly

24.6973, 23.7254, 24.3969

Deuteranomaly

25.7339, 23.9288, 22.0013

Tritanomaly

28.5402, 23.9025, 22.5114

Monochromacy



Original Color

28.4766, 23.8771, 22.1766

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.0964, 24.3066, 25.1987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4766, 23.8771, 22.1766 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(178, 118, 124)` looks like.

```
.text, #text, p{  
    color:rgb(178, 118, 124)  
}
```

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(178, 118, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 118, 124) }
```

Border

The CSS property to change the border of an element to XYZ 28.4766, 23.8771, 22.1766 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(178, 118, 124) }
```


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

```
.border{ border-color:rgb(178, 118, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 118, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 118, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 118, 124);  
box-shadow:4px 4px 4px 4px rgb(178, 118,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4766, 23.8771, 22.1766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 118, 124) }
```

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

```
.background{ background-color: rgb(178,  
118, 124) }
```

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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