

Converting Colors

XYZ(28.0816, 22.2948, 18.7812)

Have a look what the booklet for
XYZ(28.0816, 22.2948, 18.7812)
contains.

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Color

**XYZ(28.0343, 22.2195,
18.7308)**

Conversions

Conversions Part 1

Format	Color
Hex	B76D72
RGB	183, 109, 114
RGB Percent	72%, 43%, 45%
CMY	0.2824, 0.5725, 0.5529
CMYK	0.00, 0.40, 0.38, 0.28
HSL	356°, 34%, 57%
HSV	356°, 40%, 72%
XYZ	28.0343, 22.2195, 18.7308
YIQ	131.6960, 42.4990, 17.2430

Conversions

Conversions Part 2

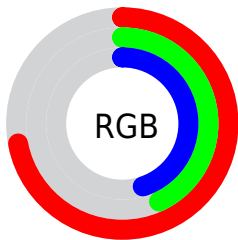
Format	Color
R_{YB}	183, 109, 114
Decimal	12021106
CIE _{Lab}	54.26, 29.99, 9.90
CIE _{LCh}	54, 31.581, 18.278
Yxy	22.2195, 0.4064, 0.3221
Android (android.graphics.Color)	4290211186 (0xFFB76D72)
YUV	131.6960, -8.7241, 44.9936
Hunter-Lab	47.1376, 23.6692, 9.4365

Details

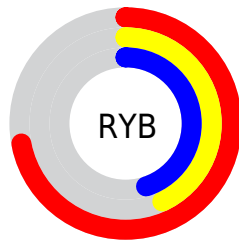
The XYZ color **28.0343, 22.2195, 18.7308** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.2771, 40.3329, 48.2583**, and the grayscale version is **21.8430, 22.9805, 25.0258**.

A 20% lighter version of the original color is **56.0789, 47.2946, 42.2495**, and **11.3516, 8.1371, 6.1266** is the 20% darker color. If you saturate the color by 10%, you get **25.3990, 18.3610, 13.4990**, and if you desaturate by 10%, it is **31.2584, 26.9655, 25.0533**.

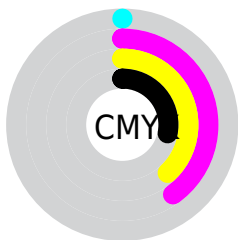
Distribution



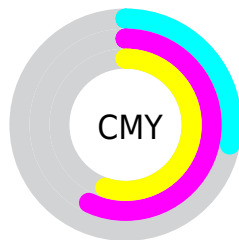
- Red (72%)
- Green (43%)
- Blue (45%)



- Red (72%)
- Yellow (43%)
- Blue (45%)



- Cyan (0%)
- Magenta (40%)
- Yellow (38%)
- Black (28%)





- Cyan (28%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0343, 22.2195, 18.7308 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 28.0343, 22.2195, 18.7308 by changing the saturation by 10% instead.


 28.0343, 22.2195,
18.7308


 28.0343, 22.2195,
18.7308


284.7079,
263.6904, 257.3316


 18.4921, 14.0183,
11.3011


 55.9475, 47.1085,
42.1093

 11.4057, 8.1334,
6.1530


 75.0491, 64.5651,
58.8952

 6.4097, 4.1804,
2.8681


 98.0680, 85.8756,
79.6370

 3.1388, 1.7750,
1.0277

 125.3694,
111.4244, 104.7530

 1.2276, 0.4715,
0.0000

157.3188,
141.5958, 134.6620

 0.1280, 0.0000,
0.0000

194.2814,

 0.0000, 0.0000,

176.7744, 169.7824

0.0000

236.6227,
217.3445, 210.5327

■ 28.0343, 22.2195,
18.7308

■ 28.0343, 22.2195,
18.7308

■ 25.3990, 18.3610,
13.4990

■ 31.2584, 26.9655,
25.0533

■ 23.3153, 15.3319,
9.2951

■ 35.1021, 32.6458,
32.5221

■ 21.7443, 13.0721,
6.0515


■ 39.5961, 39.3080,
41.1904


■ 20.6415, 11.5125,
3.6925


■ 44.7687, 46.9954,
51.1078

■ 19.9545, 10.5711,
2.1303

■ 50.6463, 55.7488,
62.3212

 19.5969, 10.0947,
1.2749

 57.2540, 65.6067,
74.8748

 64.6157, 76.6056,
88.8109

 72.6249, 88.5219,
104.1268

 73.3384, 88.8072,
107.8839

Harmonies

Analogous

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



28.2712, 22.2195, 28.2446



28.0343, 22.2195, 18.7308



25.8282, 22.2195, 12.6402

Triad

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



28.0343, 22.2195, 18.7308



16.5615, 22.2195, 13.6590



19.8049, 22.2195, 47.8523

Complementary

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



28.0343, 22.2195, 18.7308



31.2771, 40.3329, 48.2583

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.



17.0200, 22.2195, 41.2426



28.0343, 22.2195, 18.7308



15.2879, 22.2195, 20.5491

Square

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



28.0343, 22.2195, 18.7308



19.1139, 22.2195, 10.3069



15.4461, 22.2195, 30.6262



23.2596, 22.2195, 46.9752

Rectangle

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



28.0343, 22.2195, 18.7308



23.6598, 22.2195, 10.5286



15.4461, 22.2195, 30.6262



18.7669, 22.2195, 46.3725

Sweetspot

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



28.0349, 22.2206, 18.7312



69.4096, 68.1641, 70.8728



32.1100, 23.6849, 47.6788



15.0913, 14.7006, 15.1931



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.0349, 22.2206, 18.7312



45.7546, 33.2715, 24.7068



31.6432, 29.8799, 18.5691



9.0285, 9.0218, 9.4978



13.6809, 7.0461, 0.9406



0.4906, 0.2517, 0.0771

Inverse Universe

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



28.0349, 22.2206, 18.7312



45.7546, 33.2715, 24.7068



26.1102, 29.1817, 49.0560



9.0285, 9.0218, 9.4978



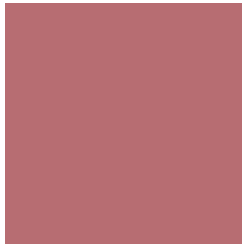
13.6809, 7.0461, 0.9406



0.4906, 0.2517, 0.0771

Previews

White Background



This preview shows how the XYZ color 28.0343, 22.2195, 18.7308 looks on a white background.

Color Contrast Check

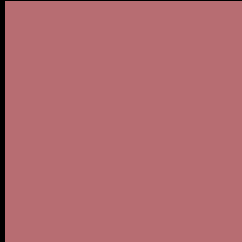
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0343, 22.2195, 18.7308 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 28.0343, 22.2195, 18.7308

Background



This preview shows how black text looks on a background with the XYZ color 28.0343, 22.2195, 18.7308.



This preview shows how white text looks on a background with the XYZ color 28.0343, 22.2195,

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

28.0343, 22.2195, 18.7308

Protanopia

21.5158, 22.5143, 22.6137

Deuteranopia

22.7805, 22.2990, 18.1424



Tritanopia

28.2080, 22.2889, 19.6451

Trichromacy



Original Color

28.0343, 22.2195, 18.7308

Protanomaly

23.3596, 21.9749, 21.0996

Deuteranomaly

24.4217, 22.0449, 18.2972

Tritanomaly

28.1495, 22.2655, 19.3370

Monochromacy



Original Color

28.0343, 22.2195, 18.7308

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.6718, 22.4753, 22.4926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0343, 22.2195, 18.7308 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(183, 109, 114)` looks like.

```
.text, #text, p{  
    color:rgb(183, 109, 114)  
}
```

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(183, 109, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 109, 114) }
```

Border

The CSS property to change the border of an element to XYZ 28.0343, 22.2195, 18.7308 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(183, 109, 114) }
```


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

```
.border{ border-color:rgb(183, 109, 114) }
```

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

Here you see how a box with a 4 pixel rgb(183, 109, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 109, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 109, 114);  
box-shadow:4px 4px 4px 4px rgb(183, 109,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0343, 22.2195, 18.7308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 109, 114) }
```

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

```
.background{ background-color: rgb(183,  
109, 114) }
```

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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