

Converting Colors

XYZ(28.1905, 22.5166, 17.6694)

Have a look what the booklet for
XYZ(28.1905, 22.5166, 17.6694)
contains.

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Color

**XYZ(28.1576, 22.4680,
17.6045)**

Conversions

Conversions Part 1

Format	Color
Hex	B86E6E
RGB	184, 110, 110
RGB Percent	72%, 43%, 43%
CMY	0.2784, 0.5686, 0.5686
CMYK	0.00, 0.40, 0.40, 0.28
HSL	0°, 34%, 58%
HSV	0°, 40%, 72%
XYZ	28.1576, 22.4680, 17.6045
YIQ	132.1260, 44.1040, 15.6880

Conversions

Conversions Part 2

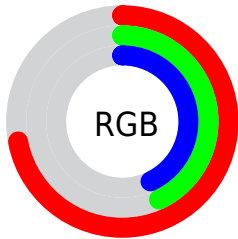
Format	Color
RYB	184, 110, 110
Decimal	12086894
CIELab	54.52, 29.35, 12.63
CIElCh	55, 31.952, 23.284
Yxy	22.4680, 0.4127, 0.3293
Android (android.graphics.Color)	4290276974 (0xFFB86E6E)
YUV	132.1260, -10.9081, 45.4935
Hunter-Lab	47.4004, 23.0848, 11.1600

Details

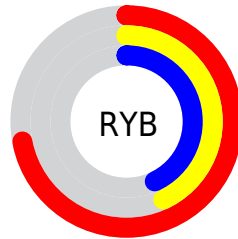
The XYZ color **28.1576, 22.4680, 17.6045** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.2219, 41.0550, 51.5736**, and the grayscale version is **22.0051, 23.1511, 25.2115**.

A 20% lighter version of the original color is **56.2367, 47.6803, 40.4216**, and **11.4680, 8.2856, 5.6975** is the 20% darker color. If you saturate the color by 10%, you get **25.4747, 18.5423, 12.2703**, and if you desaturate by 10%, it is **31.4619, 27.3034, 24.1725**.

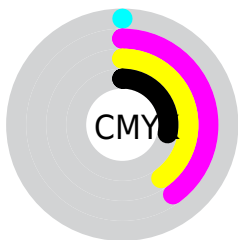
Distribution



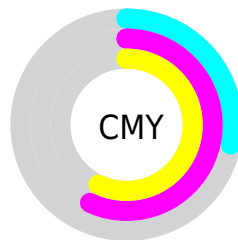
- Red (72%)
- Green (43%)
- Blue (43%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1576, 22.4680, 17.6045 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 28.1576, 22.4680, 17.6045 by changing the saturation by 10% instead.


 28.1576, 22.4680,
17.6045


 28.1576, 22.4680,
17.6045


285.2857,
264.9806, 250.7931


 18.5856, 14.2012,
10.4999


 56.1428, 47.5183,
40.1670


 11.4734, 8.2607,
5.6217


 75.2868, 65.0706,
56.4621

 6.4558, 4.2622,
2.5514


 98.3520, 86.4868,
76.6577

 3.1675, 1.8213,
0.8672

 125.7039,
112.1513, 101.1724

 1.2429, 0.5004,
0.0000

157.7079,
142.4485, 130.4247

 0.1399, 0.0000,
0.0000

194.7293,

 0.0000, 0.0000,

177.7629, 164.8333

0.0000

237.1334,
218.4788, 204.8165

■ 28.1576, 22.4680,
17.6045

■ 28.1576, 22.4680,
17.6045

■ 25.4747, 18.5423,
12.2703

■ 31.4619, 27.3034,
24.1725

■ 23.3726, 15.4664,
8.0917

■ 35.4211, 33.0969,
32.0433

■ 21.8091, 13.1785,
4.9837


■ 40.0686, 39.8974,
41.2823


■ 20.7351, 11.6069,
2.8488


■ 45.4348, 47.7497,
51.9502


■ 20.0929, 10.6670,
1.5722

■ 51.5484, 56.6956,
64.1041

 19.7673, 10.1906,
0.9251

 58.4366, 66.7749,
77.7977

 66.1251, 78.0252,
93.0824

 73.5772, 88.9304,
107.8951

Harmonies

Analogous

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



28.7659, 22.4680, 26.7894



28.1576, 22.4680, 17.6045



25.6396, 22.4680, 12.0315

Triad

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



28.1576, 22.4680, 17.6045



16.3989, 22.4680, 14.6499



20.5772, 22.4680, 49.0523

Complementary

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



28.1576, 22.4680, 17.6045



32.2219, 41.0550, 51.5736

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.



17.5767, 22.4680, 43.4099



28.1576, 22.4680, 17.6045



15.3409, 22.4680, 22.2769

Square

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



28.1576, 22.4680, 17.6045



18.8022, 22.4680, 10.6802



15.7473, 22.4680, 32.9071



24.1293, 22.4680, 46.8004

Rectangle

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



28.1576, 22.4680, 17.6045



23.3513, 22.4680, 10.2511



15.7473, 22.4680, 32.9071



19.4761, 22.4680, 47.9748

Sweetspot

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



28.1582, 22.4691, 17.6049



70.8620, 69.7303, 71.3104



33.9950, 24.8031, 48.3432



15.0341, 14.6779, 14.8914



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.



28.1582, 22.4691, 17.6049



46.8018, 34.5233, 23.4800



33.0155, 32.1837, 19.2240



9.0047, 9.0123, 9.3719



13.6235, 7.0233, 0.6376



0.4803, 0.2476, 0.0225

Inverse Universe

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



32.2219, 41.0550, 51.5736



55.1591, 72.7464, 93.3389



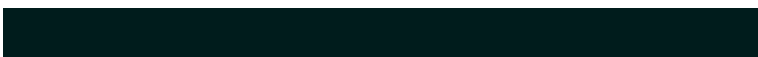
25.5160, 27.6433, 49.3383



9.2667, 10.2106, 11.5619



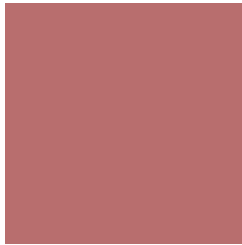
17.7743, 26.0082, 35.3364



0.6266, 0.9169, 1.2457

Previews

White Background



This preview shows how the XYZ color 28.1576, 22.4680, 17.6045 looks on a white background.

Color Contrast Check

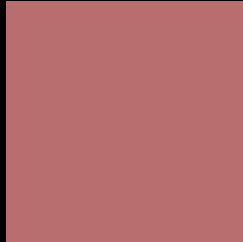
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1576, 22.4680, 17.6045 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 28.1576, 22.4680, 17.6045

Background



This preview shows how black text looks on a background with the XYZ color 28.1576, 22.4680, 17.6045.



This preview shows how white text looks on a background with the XYZ color 28.1576, 22.4680,

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

28.1576, 22.4680, 17.6045

Protanopia

21.5261, 22.5556, 20.9884

Deuteranopia

23.0636, 22.6586, 17.0679



Tritanopia

28.6871, 22.5359, 19.6675

Trichromacy



Original Color

28.1576, 22.4680, 17.6045

Protanomaly

23.3722, 22.1992, 19.5760

Deuteranomaly

24.7331, 22.4082, 17.2090

Tritanomaly

28.5135, 22.4665, 18.7532

Monochromacy



Original Color

28.1576, 22.4680, 17.6045

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.6082, 22.4498, 22.1577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1576, 22.4680, 17.6045 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(184, 110, 110)` looks like.

```
.text, #text, p{  
    color:rgb(184, 110, 110)  
}
```

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(184, 110, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 110, 110) }
```

Border

The CSS property to change the border of an element to XYZ 28.1576, 22.4680, 17.6045 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(184, 110, 110) }
```


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

```
.border{ border-color:rgb(184, 110, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 110, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 110, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 110, 110);  
box-shadow:4px 4px 4px 4px rgb(184, 110,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1576, 22.4680, 17.6045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 110, 110) }
```

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

```
.background{ background-color: rgb(184,  
110, 110) }
```

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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