

Converting Colors

XYZ(28.5653, 24.6882, 17.6235)

Have a look what the booklet for
XYZ(28.5653, 24.6882, 17.6235)
contains.

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Color

**XYZ(28.5422, 24.7265,
17.7363)**

Conversions

Conversions Part 1

Format	Color
Hex	B47A6D
RGB	180, 122, 109
RGB Percent	71%, 48%, 43%
CMY	0.2941, 0.5215, 0.5725
CMYK	0.00, 0.32, 0.39, 0.29
HSL	11°, 32%, 57%
HSV	11°, 39%, 71%
XYZ	28.5422, 24.7265, 17.7363
YIQ	137.8600, 38.7410, 8.2530

Conversions

Conversions Part 2

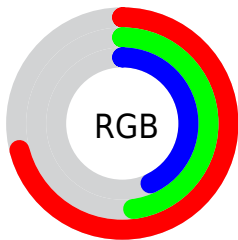
Format	Color
R_{YB}	180, 125, 109
Decimal	11827821
CIE _{Lab}	56.81, 21.00, 16.30
CIE _{LCh}	57, 26.585, 37.826
Yxy	24.7265, 0.4020, 0.3482
Android (android.graphics.Color)	4290017901 (0xFFB47A6D)
YUV	137.8600, -14.2280, 36.9568
Hunter-Lab	49.7257, 15.4376, 13.6603

Details

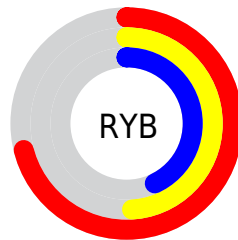
The XYZ color **28.5422, 24.7265, 17.7363** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.3629, 34.1824, 48.2829**, and the grayscale version is **24.1468, 25.4044, 27.6653**.

A 20% lighter version of the original color is **56.6880, 51.2377, 40.6203**, and **11.6823, 9.4620, 5.6255** is the 20% darker color. If you saturate the color by 10%, you get **25.9999, 21.0371, 12.5879**, and if you desaturate by 10%, it is **31.5574, 29.0440, 24.0218**.

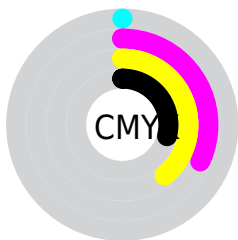
Distribution



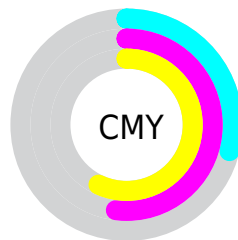
- Red (71%)
- Green (48%)
- Blue (43%)



- Red (71%)
- Yellow (49%)
- Blue (43%)



- Cyan (0%)
- Magenta (32%)
- Yellow (39%)
- Black (29%)





- Cyan (29%)
- Magenta (52%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5422, 24.7265, 17.7363 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 28.5422, 24.7265, 17.7363 by changing the saturation by 10% instead.


 28.5422, 24.7265,
17.7363


 28.5422, 24.7265,
17.7363

287.0821,
276.4731, 251.5665


 18.8773, 15.8734,
10.5934


 56.7515, 51.2132,
40.3953

 11.6851, 9.4346,
5.6834


 76.0267, 69.6156,
56.7485

 6.6003, 5.0257,
2.5879


 99.2360, 91.9698,
77.0088

 3.2575, 2.2624,
0.8862

 126.7448,
118.6603, 101.5948

 1.2914, 0.7537,
0.0000

158.9185,
150.0715, 130.9250

 0.1767, 0.0000,
0.0000

196.1223,

 0.0000, 0.0000,

186.5878, 165.4180

0.0000

238.7217,
228.5936, 205.4923

■ 28.5422, 24.7265,
17.7363

■ 28.5422, 24.7265,
17.7363

■ 25.9999, 21.0371,
12.5879

■ 31.5574, 29.0440,
24.0218

■ 23.9042, 17.9428,
8.5069

■ 35.0661, 34.0134,
31.5054

■ 22.2289, 15.4131,
5.4180


■ 39.0903, 39.6616,
40.2459


■ 20.9445, 13.4132,
3.2355


■ 43.6497, 46.0130,
50.2973


■ 20.0170, 11.9044,
1.8589


■ 48.7632, 53.0907,
61.7107


 19.3938, 10.8373,
1.0984

 54.4486, 60.9167,
74.5345

 19.3653, 10.7892,
1.0619

 60.7232, 69.5123,
88.8145

 67.6033, 78.8976,
104.5947

 72.4199, 88.0184,
107.7801

Harmonies

Analogous

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



29.9293, 24.7265, 24.6603



28.5422, 24.7265, 17.7363



25.8289, 24.7265, 13.9862

Triad

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



28.5422, 24.7265, 17.7363



18.3934, 24.7265, 20.9693



24.3245, 24.7265, 47.6731

Complementary

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



28.5422, 24.7265, 17.7363



28.3629, 34.1824, 48.2829

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.



21.3189, 24.7265, 46.0729



28.5422, 24.7265, 17.7363



18.0674, 24.7265, 29.3199

Square

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



28.5422, 24.7265, 17.7363



20.0259, 24.7265, 15.5460



19.0927, 24.7265, 38.8345



27.3582, 24.7265, 42.8202

Rectangle

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



28.5422, 24.7265, 17.7363



23.7291, 24.7265, 13.1921



19.0927, 24.7265, 38.8345



23.2760, 24.7265, 47.8885

Sweetspot

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



28.5428, 24.7277, 17.7368



68.7688, 68.9616, 68.3647



31.3745, 23.4741, 40.0045



14.6583, 14.6176, 14.3295



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.



28.5428, 24.7277, 17.7368



47.8428, 39.1665, 24.2193



33.5272, 34.6964, 19.3982



8.6181, 8.7488, 8.8870



13.5527, 7.6039, 0.7534



0.4640, 0.3145, 0.0362

Inverse Universe

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



28.3629, 34.1824, 48.2829



47.4478, 58.5835, 87.1016



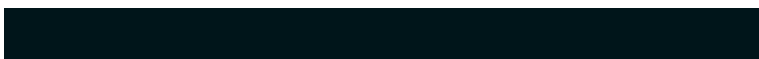
22.8870, 23.2306, 46.4576



8.6077, 9.3616, 10.8596



13.0804, 16.9612, 32.7214



0.4460, 0.6024, 1.0410

Previews

White Background



This preview shows how the XYZ color 28.5422, 24.7265, 17.7363 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 28.5422, 24.7265, 17.7363 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 28.5422, 24.7265, 17.7363

Background



This preview shows how black text looks on a background with the XYZ color 28.5422, 24.7265, 17.7363.



This preview shows how white text looks on a background with the XYZ color 28.5422, 24.7265,

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

28.5422, 24.7265, 17.7363

Protanopia

23.4581, 24.7986, 20.0732

Deuteranopia

25.2673, 24.7677, 17.3588



Tritanopia

29.7845, 24.6972, 23.6193

Trichromacy



Original Color

28.5422, 24.7265, 17.7363

Protanomaly

25.0016, 24.5930, 19.0520

Deuteranomaly

26.3623, 24.7365, 17.5725

Tritanomaly

29.2237, 24.6372, 21.3044

Monochromacy



Original Color

28.5422, 24.7265, 17.7363

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.2189, 24.8071, 23.5378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5422, 24.7265, 17.7363 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(180, 122, 109)` looks like.

```
.text, #text, p{  
    color:rgb(180, 122, 109)  
}
```

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(180, 122, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 122, 109) }
```

Border

The CSS property to change the border of an element to XYZ 28.5422, 24.7265, 17.7363 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(180, 122, 109) }
```


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

```
.border{ border-color:rgb(180, 122, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 122, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 122, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 122, 109);  
box-shadow:4px 4px 4px 4px rgb(180, 122,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5422, 24.7265, 17.7363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 122, 109) }
```

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

```
.background{ background-color: rgb(180,  
122, 109) }
```

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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