

Converting Colors

XYZ(28.5949, 24.8667, 23.5514)

Have a look what the booklet for
XYZ(28.5949, 24.8667, 23.5514)
contains.

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Color

**XYZ(28.6584, 24.8384,
23.7059)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7B80
RGB	175, 123, 128
RGB Percent	69%, 48%, 50%
CMY	0.3137, 0.5176, 0.4980
CMYK	0.00, 0.30, 0.27, 0.31
HSL	354°, 25%, 58%
HSV	354°, 30%, 69%
XYZ	28.6584, 24.8384, 23.7059
YIQ	139.1180, 29.3870, 12.5790

Conversions

Conversions Part 2

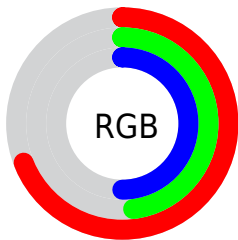
Format	Color
RYB	175, 123, 128
Decimal	11500416
CIELab	56.92, 20.98, 5.40
CIElCh	57, 21.664, 14.440
Yxy	24.8384, 0.3712, 0.3217
Android (android.graphics.Color)	4289690496 (0xFFAF7B80)
YUV	139.1180, -5.4812, 31.4685
Hunter-Lab	49.8381, 15.4260, 6.6849

Details

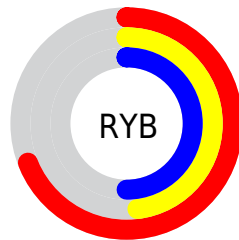
The XYZ color **28.6584, 24.8384, 23.7059** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.7551, 37.7737, 43.7022**, and the grayscale version is **24.5991, 25.8802, 28.1836**.

A 20% lighter version of the original color is **57.1445, 51.5427, 50.6529**, and **11.7452, 9.5270, 8.6170** is the 20% darker color. If you saturate the color by 10%, you get **25.7171, 20.4941, 17.9829**, and if you desaturate by 10%, it is **32.1514, 30.0260, 30.4143**.

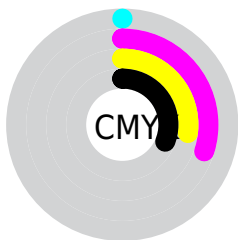
Distribution



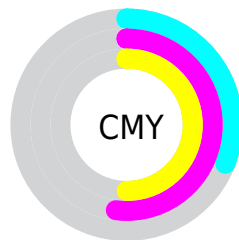
- Red (69%)
- Green (48%)
- Blue (50%)



- Red (69%)
- Yellow (48%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (31%)





- Cyan (31%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6584, 24.8384, 23.7059 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 28.6584, 24.8384, 23.7059 by changing the saturation by 10% instead.


 28.6584, 24.8384,
23.7059


 28.6584, 24.8384,
23.7059


287.6231,
277.0322, 284.5687


 18.9655, 15.9567,
14.9054


 56.9352, 51.3949,
50.4876

 11.7492, 9.4935,
8.6071


 76.2499, 69.8386,
69.3060

 6.6441, 5.0645,
4.3925


 99.5026, 92.2383,
92.3007

 3.2849, 2.2851,
1.8431

127.0586,
118.9785, 119.8903

 1.3062, 0.7658,
0.4561

159.2833,
150.4436, 152.4934

 0.1878, 0.0000,
0.0000

196.5420,

 0.0000, 0.0000,

187.0180, 190.5285

0.0000

239.2002,
229.0861, 234.4141

■ 28.6584, 24.8384,
23.7059

■ 28.6584, 24.8384,
23.7059

■ 25.7171, 20.4941,
17.9829

■ 32.1514, 30.0260,
30.4143

■ 23.2974, 16.9454,
13.1973

■ 36.2204, 36.0947,
38.1497

■ 21.3693, 14.1450,
9.2995


■ 40.8903, 43.0838,
46.9536


■ 19.8988, 12.0391,
6.2347


■ 46.1844, 51.0296,
56.8643


■ 18.8476, 10.5669,
3.9419

■ 52.1245, 59.9663,
67.9185

 18.1714, 9.6570,
2.3517


 58.7312, 69.9263,
80.1511

 17.7880, 9.1662,
1.3733

 66.0246, 80.9406,
93.5955

 17.7789, 9.1539,
1.3526

 71.4165, 87.8249,
107.4148

 71.4892, 87.8540,
107.7974

Harmonies

Analogous

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



28.6303, 24.8384, 30.9712



28.6584, 24.8384, 23.7059



27.2681, 24.8384, 18.3891

Triad

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



28.6584, 24.8384, 23.7059



20.3523, 24.8384, 18.2402



22.3227, 24.8384, 42.8734

Complementary

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



28.6584, 24.8384, 23.7059



30.7551, 37.7737, 43.7022

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.



20.2913, 24.8384, 38.0627



28.6584, 24.8384, 23.7059



19.2106, 24.8384, 23.4651

Square

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



28.6584, 24.8384, 23.7059



22.4115, 24.8384, 15.6390



19.1891, 24.8384, 30.6833



24.8466, 24.8384, 42.9696

Rectangle

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



28.6584, 24.8384, 23.7059



25.7777, 24.8384, 16.2909



19.1891, 24.8384, 30.6833



21.5639, 24.8384, 41.7203

Sweetspot

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



28.6591, 24.8396, 23.7064



65.3058, 65.2964, 69.1507



31.3559, 25.7860, 43.8820



14.2666, 14.1419, 14.8994



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.6591, 24.8396, 23.7064



47.5841, 38.9526, 35.1904



31.1981, 30.4310, 22.9699



8.0354, 8.0274, 8.4970



12.7431, 6.5598, 1.0264



0.3643, 0.1864, 0.0801

Inverse Universe

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



28.6591, 24.8396, 23.7064



47.5841, 38.9526, 35.1904



27.4959, 30.4843, 44.9923



8.0354, 8.0274, 8.4970



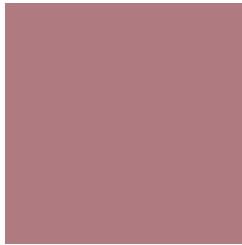
12.7431, 6.5598, 1.0264



0.3643, 0.1864, 0.0801

Previews

White Background



This preview shows how the XYZ color 28.6584, 24.8384, 23.7059 looks on a white background.

Color Contrast Check

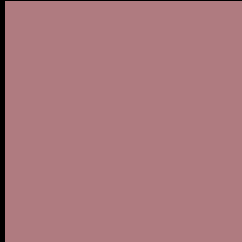
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6584, 24.8384, 23.7059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

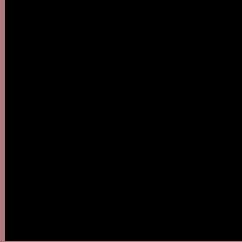
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6584, 24.8384, 23.7059

Background



This preview shows how black text looks on a background with the XYZ color 28.6584, 24.8384, 23.7059.



This preview shows how white text looks on a background with the XYZ color 28.6584, 24.8384,

23.7059.

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

28.6584, 24.8384, 23.7059

Protanopia

23.9926, 24.9330, 26.4697

Deuteranopia

25.3436, 24.8789, 23.2050



Tritanopia

28.8036, 24.6990, 25.0791

Trichromacy



Original Color

28.6584, 24.8384, 23.7059

Protanomaly

25.4180, 24.6708, 25.2521

Deuteranomaly

26.5813, 24.9142, 23.4866

Tritanomaly

28.7355, 24.6717, 24.7203

Monochromacy



Original Color

28.6584, 24.8384, 23.7059

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.7096, 25.1997, 26.4307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6584, 24.8384, 23.7059 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(175, 123, 128)` looks like.

```
.text, #text, p{  
    color:rgb(175, 123, 128)  
}
```

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(175, 123, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 123, 128) }
```

Border

The CSS property to change the border of an element to XYZ 28.6584, 24.8384, 23.7059 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(175, 123, 128) }
```


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

```
.border{ border-color:rgb(175, 123, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 123, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 123, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 123, 128);  
box-shadow:4px 4px 4px 4px rgb(175, 123,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6584, 24.8384, 23.7059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 123, 128) }
```

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

```
.background{ background-color: rgb(175,  
123, 128) }
```

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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