

Converting Colors

XYZ(28.3326, 24.3182, 48.0003)

Have a look what the booklet for
XYZ(28.3326, 24.3182, 48.0003)
contains.

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Color

**XYZ(28.3326, 24.3182,
48.0003)**

Conversions

Conversions Part 1

Format	Color
Hex	967CB7
RGB	150, 124, 183
RGB Percent	59%, 49%, 72%
CMY	0.4118, 0.5137, 0.2824
CMYK	0.18, 0.32, 0.00, 0.28
HSL	266°, 29%, 60%
HSV	266°, 32%, 72%
XYZ	28.3326, 24.3182, 48.0003
YIQ	138.5000, -3.4430, 23.8610

Conversions

Conversions Part 2

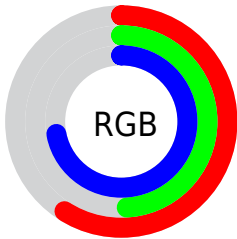
Format	Color
R_{YB}	150, 124, 183
Decimal	9862327
CIE _{Lab}	56.40, 21.91, -27.38
CIE _{LCh}	56, 35.069, 308.674
Yxy	24.3182, 0.2815, 0.2416
Android (android.graphics.Color)	4288052407 (0xFF967CB7)
YUV	138.5000, 21.9385, 10.0855
Hunter-Lab	49.3135, 16.2569, -23.1917

Details

The XYZ color **28.3326, 24.3182, 48.0003** is a light color, and the websafe version is hex **996699**. A complement of this color would be **34.4768, 42.4908, 25.4542**, and the grayscale version is **24.2688, 25.5327, 27.8051**.

A 20% lighter version of the original color is **56.4790, 50.6554, 88.4621**, and **11.5823, 9.2405, 22.2922** is the 20% darker color. If you saturate the color by 10%, you get **24.4467, 19.2210, 47.2217**, and if you desaturate by 10%, it is **32.8102, 30.3533, 48.9296**.

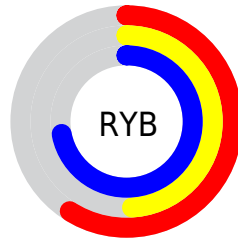
Distribution



Red (59%)

Green (49%)

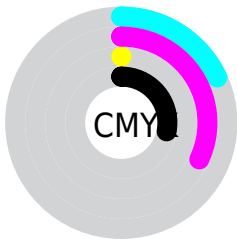
Blue (72%)



Red (59%)

Yellow (49%)

Blue (72%)

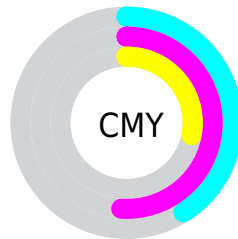


Cyan (18%)

Magenta (32%)

Yellow (0%)

Black (28%)



Cyan (41%)

Magenta (51%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3326, 24.3182, 48.0003 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 28.3326, 24.3182, 48.0003 by changing the saturation by 10% instead.

■ 28.3326, 24.3182,
48.0003

■ 28.3326, 24.3182,
48.0003

286.1041,
274.4253, 395.3021

■ 18.7183, 15.5698,
33.4671

■ 56.4200, 50.5490,
88.5704

■ 11.5697, 9.2203,
22.2105

■ 75.6237, 68.8001,
115.4444

■ 6.5215, 4.8851,
13.8119

■ 98.7546, 90.9877,
147.2691

■ 3.2083, 2.1800,
7.8527

126.1780,
117.4961, 184.4631

■ 1.2649, 0.7091,
3.9144

158.2593,
148.7096, 227.4448

■ 0.1567, 0.0000,
1.5785

195.3639,

■ 0.0000, 0.0000,

185.0127, 276.6329

0.2754

237.8570,
226.7898, 332.4458

■ 0.0000, 0.0000,
0.0000

■ 28.3326, 24.3182,
48.0003

■ 28.3326, 24.3182,
48.0003

■ 24.4467, 19.2210,
47.2217

■ 32.8102, 30.3533,
48.9296

■ 21.1224, 15.0096,
46.5840

■ 37.9030, 37.3690,
50.0153

■ 18.3302, 11.6307,
46.0790

■ 43.6358, 45.4089,
51.2650

■ 16.0366, 9.0244,
45.6968

■ 50.0316, 54.5129,
52.6852

■ 14.2039, 7.1220,
45.4262

■ 57.1119, 64.7189,
54.2820

■ 12.7876, 5.8420,
45.2538

■ 64.8973, 76.0629,
56.0613

■ 11.9103, 5.1526,
45.1669

■ 73.4076, 88.5792,
58.0286

■ 77.5492, 92.0757,
58.4852

■ 80.9671, 93.8378,
58.6452

Harmonies

Analogous

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



24.3088, 24.3182, 55.2315



28.3326, 24.3182, 48.0003



31.1582, 24.3182, 35.4511

Triad

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



28.3326, 24.3182, 48.0003



26.0648, 24.3182, 10.6565



16.2350, 24.3182, 29.9884

Complementary

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



28.3326, 24.3182, 48.0003



34.4768, 42.4908, 25.4542

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.



16.5887, 24.3182, 19.1639



28.3326, 24.3182, 48.0003



21.9584, 24.3182, 9.9777

Square

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



28.3326, 24.3182, 48.0003



29.7461, 24.3182, 14.8386



18.5786, 24.3182, 12.5983



17.5486, 24.3182, 43.0139

Rectangle

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



28.3326, 24.3182, 48.0003



31.8113, 24.3182, 26.9981



18.5786, 24.3182, 12.5983



16.1663, 24.3182, 25.9653

Sweetspot

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



28.3334, 24.3192, 48.0008



69.9169, 69.7599, 90.0157



28.9906, 31.9656, 49.4421



15.1379, 14.9832, 19.8158



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.



28.3334, 24.3192, 48.0008



45.4907, 36.6373, 84.9098



34.3613, 27.4267, 48.2829



8.8866, 8.9079, 11.3305



8.3850, 3.6338, 31.5125



0.3669, 0.1649, 1.1142

Inverse Universe

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



32.8225, 26.9178, 35.3646



55.0574, 42.1812, 57.6986



29.4644, 39.9068, 25.2196



9.2092, 9.0941, 10.4492



15.3437, 7.7113, 9.6969



0.5715, 0.2841, 0.5028

Previews

White Background



This preview shows how the XYZ color 28.3326, 24.3182, 48.0003 looks on a white background.

Color Contrast Check

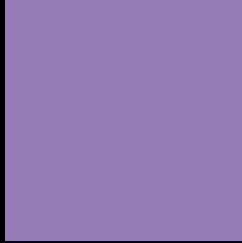
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3326, 24.3182, 48.0003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

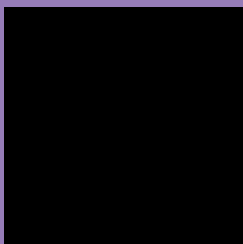
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3326, 24.3182, 48.0003

Background



This preview shows how black text looks on a background with the XYZ color 28.3326, 24.3182, 48.0003.



This preview shows how white text looks on a background with the XYZ color 28.3326, 24.3182,

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

28.3326, 24.3182, 48.0003

Protanopia

25.1530, 24.3443, 52.0884

Deuteranopia

24.8964, 24.3222, 47.0985



Tritanopia

24.4614, 24.2952, 28.9914

Trichromacy



Original Color

28.3326, 24.3182, 48.0003

Protanomaly

26.1582, 24.2989, 50.3252

Deuteranomaly

26.0990, 24.3292, 47.5764

Tritanomaly

25.7901, 24.2458, 35.2189

Monochromacy



Original Color

28.3326, 24.3182, 48.0003

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.7692, 25.2564, 34.5271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3326, 24.3182, 48.0003 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(150, 124, 183)` looks like.

```
.text, #text, p{  
    color:rgb(150, 124, 183)  
}
```

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(150, 124, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 124, 183) }
```

Border

The CSS property to change the border of an element to XYZ 28.3326, 24.3182, 48.0003 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(150, 124, 183) }
```


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

```
.border{ border-color:rgb(150, 124, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 124, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 124, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 124, 183);  
box-shadow:4px 4px 4px 4px rgb(150, 124,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3326, 24.3182, 48.0003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 124, 183) }
```

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

```
.background{ background-color: rgb(150,  
124, 183) }
```

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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