

Converting Colors

XYZ(28.0401, 24.4146, 28.4347)

Have a look what the booklet for
XYZ(28.0401, 24.4146, 28.4347)
contains.

XYZ(28.0391, 24.4138, 28.4338)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.0391, 24.4138,
28.4338)**

Conversions

Conversions Part 1

Format	Color
Hex	A87B8D
RGB	168, 123, 141
RGB Percent	66%, 48%, 55%
CMY	0.3412, 0.5176, 0.4471
CMYK	0.00, 0.27, 0.16, 0.34
HSL	336°, 21%, 57%
HSV	336°, 27%, 66%
XYZ	28.0391, 24.4138, 28.4338
YIQ	138.5070, 21.0420, 15.1380

Conversions

Conversions Part 2

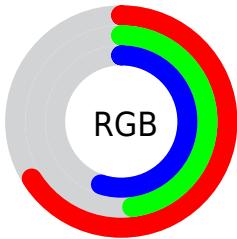
Format	Color
R_{YB}	168, 123, 141
Decimal	11041677
CIE Lab	56.50, 20.35, -2.84
CIE LCh	56, 20.545, 352.063
Yxy	24.4138, 0.3466, 0.3018
Android (android.graphics.Color)	4289231757 (0xFFA87B8D)
YUV	138.5070, 1.2290, 25.8654
Hunter-Lab	49.4103, 14.8261, 0.4680

Details

The XYZ color **28.0391, 24.4138, 28.4338** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.6770, 34.4188, 34.0405**, and the grayscale version is **24.3416, 25.6093, 27.8885**.

A 20% lighter version of the original color is **56.1161, 50.8381, 58.4849**, and **11.4073, 9.2977, 11.0909** is the 20% darker color. If you saturate the color by 10%, you get **25.4150, 20.3116, 24.0254**, and if you desaturate by 10%, it is **31.0906, 29.2609, 33.3221**.

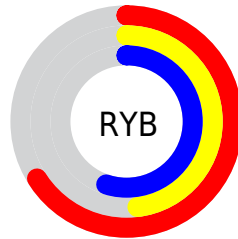
Distribution



Red (66%)

Green (48%)

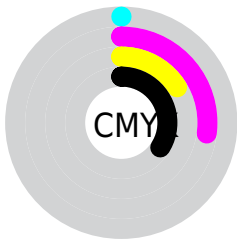
Blue (55%)



Red (66%)

Yellow (48%)

Blue (55%)

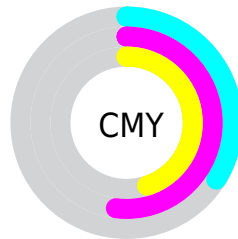


Cyan (0%)

Magenta (27%)

Yellow (16%)

Black (34%)



Cyan (34%)

Magenta (52%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0391, 24.4138, 28.4338 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 28.0391, 24.4138, 28.4338 by changing the saturation by 10% instead.

■ 28.0391, 24.4138,
28.4338

■ 28.0391, 24.4138,
28.4338

284.7304,
274.9059, 308.5109

■ 18.4957, 15.6409,
18.4110

■ 55.9551, 50.7046,
58.2077

■ 11.4083, 9.2704,
11.0730

■ 75.0584, 68.9913,
78.7959

■ 6.4115, 4.9180,
6.0012

■ 98.0791, 91.2180,
103.7430

■ 3.1399, 2.1992,
2.7770

125.3825,
117.7691, 133.4676

■ 1.2282, 0.7196,
0.9819

157.3340,
149.0291, 168.3881

■ 0.1284, 0.0000,
0.0000

194.2989,

■ 0.0000, 0.0000,

185.3823, 208.9231

0.0000

236.6426,
227.2131, 255.4912

■ 28.0391, 24.4138,
28.4338

■ 28.0391, 24.4138,
28.4338

■ 25.4150, 20.3116,
24.0254

■ 31.0906, 29.2609,
33.3221

■ 23.1960, 16.9136,
20.0796

■ 34.5860, 34.8840,
38.7037

■ 21.3611, 14.1805,
16.5806

■ 38.5436, 41.3168,
44.5931

■ 19.8865, 12.0675,
13.5105

■ 42.9800, 48.5898,
51.0039

■ 18.7452, 10.5246,
10.8501

■ 47.9110, 56.7320,
57.9490

■ 17.9065, 9.4934,
8.5785

■ 53.3514, 65.7710,
65.4411

■ 17.3265, 8.8899,
6.6695

■ 59.3158, 75.7331,
73.4922

■ 17.1675, 8.7325,
6.1214

■ 65.0460, 85.0999,
81.8567

■ 66.4353, 85.6556,
89.1726

Harmonies

Analogous

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



27.0046, 24.4138, 35.4827



28.0391, 24.4138, 28.4338



27.7099, 24.4138, 21.9566

Triad

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



28.0391, 24.4138, 28.4338



21.5275, 24.4138, 16.1912



20.5030, 24.4138, 38.3183

Complementary

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



28.0391, 24.4138, 28.4338



27.6770, 34.4188, 34.0405

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.



19.2161, 24.4138, 31.8163



28.0391, 24.4138, 28.4338



19.7789, 24.4138, 19.3109

Square

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



28.0391, 24.4138, 28.4338



23.8423, 24.4138, 15.5991



18.9604, 24.4138, 24.8133



22.5783, 24.4138, 41.7925

Rectangle

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



28.0391, 24.4138, 28.4338



26.7710, 24.4138, 18.7326



18.9604, 24.4138, 24.8133



19.9699, 24.4138, 36.3663

Sweetspot

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



28.0398, 24.4149, 28.4343



61.8476, 61.8255, 68.8481



26.7294, 23.4783, 40.1690



13.2707, 13.1374, 14.6869



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.0398, 24.4149, 28.4343



48.0258, 39.8228, 46.8505



27.3786, 25.0642, 22.1351



7.6508, 7.5902, 8.4782



12.9881, 6.6039, 4.7488



0.3414, 0.1708, 0.2493

Inverse Universe

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



28.0398, 24.4149, 28.4343



48.0258, 39.8228, 46.8505



28.4232, 33.4110, 41.9970



7.6508, 7.5902, 8.4782



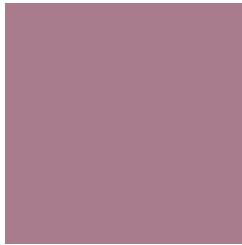
12.9881, 6.6039, 4.7488



0.3414, 0.1708, 0.2493

Previews

White Background



This preview shows how the XYZ color 28.0391, 24.4138, 28.4338 looks on a white background.

Color Contrast Check

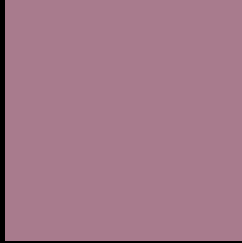
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0391, 24.4138, 28.4338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

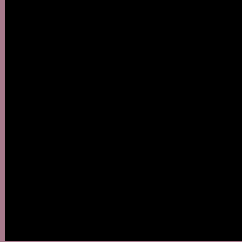
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0391, 24.4138, 28.4338

Background



This preview shows how black text looks on a background with the XYZ color 28.0391, 24.4138, 28.4338.



This preview shows how white text looks on a background with the XYZ color 28.0391, 24.4138,

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

28.0391, 24.4138, 28.4338

Protanopia

24.0009, 24.6170, 31.5035

Deuteranopia

24.9441, 24.5697, 27.8538



Tritanopia

27.4471, 24.3520, 25.8080

Trichromacy



Original Color

28.0391, 24.4138, 28.4338

Protanomaly

25.2598, 24.4800, 30.1818

Deuteranomaly

26.1015, 24.5625, 28.1763

Tritanomaly

27.6594, 24.4369, 26.9259

Monochromacy



Original Color

28.0391, 24.4138, 28.4338

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.6988, 25.1525, 28.3114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0391, 24.4138, 28.4338 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(168, 123, 141)` looks like.

```
.text, #text, p{  
    color:rgb(168, 123, 141)  
}
```

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(168, 123, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 123, 141) }
```

Border

The CSS property to change the border of an element to XYZ 28.0391, 24.4138, 28.4338 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(168, 123, 141) }
```


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

```
.border{ border-color:rgb(168, 123, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 123, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 123, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 123, 141);  
box-shadow:4px 4px 4px 4px rgb(168, 123,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0391, 24.4138, 28.4338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 123, 141) }
```

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

```
.background{ background-color: rgb(168,  
123, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor