

Converting Colors

XYZ(28.2717, 26.7125, 23.3063)

Have a look what the booklet for
XYZ(28.2717, 26.7125, 23.3063)
contains.

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Color

**XYZ(28.4394, 26.8814,
23.4284)**

Conversions

Conversions Part 1

Format	Color
Hex	A8867E
RGB	168, 134, 126
RGB Percent	66%, 53%, 49%
CMY	0.3412, 0.4745, 0.5059
CMYK	0.00, 0.20, 0.25, 0.34
HSL	11°, 19%, 58%
HSV	11°, 25%, 66%
XYZ	28.4394, 26.8814, 23.4284
YIQ	143.2540, 22.8320, 4.7200

Conversions

Conversions Part 2

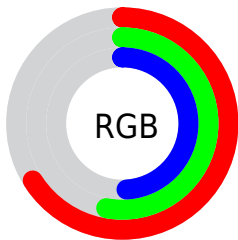
Format	Color
R_{YB}	168, 136, 126
Decimal	11044478
CIE _{Lab}	58.86, 11.73, 9.23
CIE _{LCh}	59, 14.928, 38.193
Yxy	26.8814, 0.3611, 0.3414
Android (android.graphics.Color)	4289234558 (0xFFA8867E)
YUV	143.2540, -8.5062, 21.7022
Hunter-Lab	51.8473, 7.1785, 9.5015

Details

The XYZ color **28.4394, 26.8814, 23.4284** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **28.2425, 32.4033, 41.8117**, and the grayscale version is **26.2370, 27.6034, 30.0601**.

A 20% lighter version of the original color is **56.6475, 54.6426, 50.2093**, and **11.5801, 10.5213, 8.4417** is the 20% darker color. If you saturate the color by 10%, you get **25.6850, 22.9641, 17.6036**, and if you desaturate by 10%, it is **31.6191, 31.3575, 30.2938**.

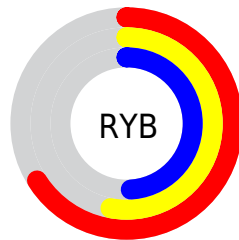
Distribution



Red (66%)

Green (53%)

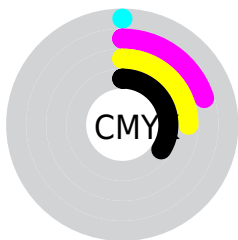
Blue (49%)



Red (66%)

Yellow (53%)

Blue (49%)

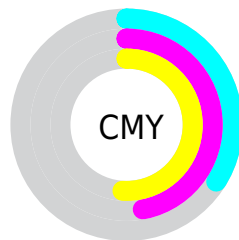


Cyan (0%)

Magenta (20%)

Yellow (25%)

Black (34%)



Cyan (34%)


Magenta (47%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4394, 26.8814, 23.4284 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 28.4394, 26.8814, 23.4284 by changing the saturation by 10% instead.


 28.4394, 26.8814,
23.4284


 28.4394, 26.8814,
23.4284


286.6028,
287.0824, 283.1107


 18.7993, 17.4842,
14.7019


 56.5890, 54.6935,
50.0279

 11.6285, 10.5803,
8.4661


 75.8291, 73.8771,
68.7379

 6.5616, 5.7854,
4.3026


 99.0000, 97.0917,
91.6129

 3.2334, 2.7150,
1.7928

126.4670,
124.7216, 119.0714

 1.2783, 0.9848,
0.4232

158.5954,
157.1513, 151.5318

 0.1669, 0.0000,
0.0000

195.7506,

 0.0000, 0.0000,

194.7650, 189.4128

0.0000

238.2979,
237.9473, 233.1329

■ 28.4394, 26.8814,
23.4284

■ 28.4394, 26.8814,
23.4284

■ 25.6850, 22.9641,
17.6036

■ 31.6191, 31.3575,
30.2938

■ 23.3354, 19.5798,
12.7668

■ 35.2389, 36.4092,
38.2454

■ 21.3718, 16.7065,
8.8633

■ 39.3158, 42.0575,
47.3284

■ 19.7729, 14.3189,
5.8324

■ 43.8651, 48.3211,
57.5848

■ 18.5153, 12.3898,
3.6062

■ 48.9013, 55.2178,
69.0542

■ 17.5726, 10.8889,
2.1067

■ 54.4386, 62.7648,
81.7748

■ 16.9139, 9.7821,
1.2379

■ 60.4902, 70.9786,
95.7828

■ 16.6653, 9.3586,
0.9280

■ 66.1871, 79.5222,
106.4686

■ 69.9584, 87.0648,
107.7257

Harmonies

Analogous

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



29.2229, 26.8814, 27.8458



28.4394, 26.8814, 23.4284



26.8900, 26.8814, 20.8168

Triad

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



28.4394, 26.8814, 23.4284



22.3971, 26.8814, 25.6565



26.0586, 26.8814, 40.5156

Complementary

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



28.4394, 26.8814, 23.4284



28.2425, 32.4033, 41.8117

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.



24.2552, 26.8814, 39.7466



28.4394, 26.8814, 23.4284



22.1985, 26.8814, 30.7405

Square

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



28.4394, 26.8814, 23.4284



23.4196, 26.8814, 21.9914



22.8632, 26.8814, 36.0082



27.8058, 26.8814, 37.9982

Rectangle

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



28.4394, 26.8814, 23.4284



25.6619, 26.8814, 20.2471



22.8632, 26.8814, 36.0082



25.4383, 26.8814, 40.6381

Sweetspot

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



28.4401, 26.8826, 23.4290



62.4791, 64.0286, 66.1604



29.9809, 25.7954, 36.7944



13.5355, 13.8409, 14.2388



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.



28.4401, 26.8826, 23.4290



48.7405, 44.7130, 36.4199



31.5859, 33.1743, 24.4776



7.6425, 7.7651, 7.8853



12.6143, 7.1258, 0.7106



0.3389, 0.2373, 0.0280

Inverse Universe

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



28.2425, 32.4033, 41.8117



48.3145, 56.4632, 75.5771



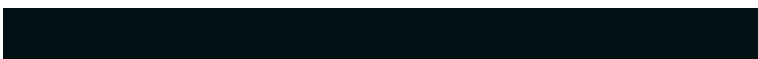
24.9485, 25.8153, 40.7137



7.6243, 8.2854, 9.6158



12.0198, 15.4997, 30.3337



0.3228, 0.4379, 0.7482

Previews

White Background



This preview shows how the XYZ color 28.4394, 26.8814, 23.4284 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 28.4394, 26.8814, 23.4284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

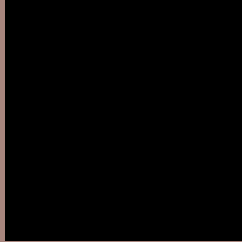
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4394, 26.8814, 23.4284

Background



This preview shows how black text looks on a background with the XYZ color 28.4394, 26.8814, 23.4284.



This preview shows how white text looks on a background with the XYZ color 28.4394, 26.8814,

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

28.4394, 26.8814, 23.4284

Protanopia

25.5868, 26.8645, 24.9559

Deuteranopia

27.3453, 26.9491, 23.1625



Tritanopia

29.7113, 27.0016, 29.2371

Trichromacy



Original Color

28.4394, 26.8814, 23.4284

Protanomaly

26.5685, 26.7305, 24.5281

Deuteranomaly

27.8157, 26.9815, 23.1439

Tritanomaly

29.1936, 26.9876, 26.9630

Monochromacy



Original Color

28.4394, 26.8814, 23.4284

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.8423, 27.2377, 27.5096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4394, 26.8814, 23.4284 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, 134, 126) looks like.

```
.text, #text, p{  
    color:rgb(168, 134, 126)  
}
```

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, 134, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 134, 126) }
```

Border

The CSS property to change the border of an element to XYZ 28.4394, 26.8814, 23.4284 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, 134, 126) }
```


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

```
.border{ border-color:rgb(168, 134, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 134, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 134, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 134, 126);  
box-shadow:4px 4px 4px 4px rgb(168, 134,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4394, 26.8814, 23.4284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 134, 126) }
```

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

```
.background{ background-color: rgb(168,  
134, 126) }
```

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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