

Converting Colors

XYZ(28.0011, 26.2346, 24.0170)

Have a look what the booklet for
XYZ(28.0011, 26.2346, 24.0170)
contains.

XYZ(28.0839, 26.2765, 24.0138)	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(28.0839, 26.2765,
24.0138)**

Conversions

Conversions Part 1

Format	Color
Hex	A78480
RGB	167, 132, 128
RGB Percent	65%, 52%, 50%
CMY	0.3451, 0.4823, 0.4980
CMYK	0.00, 0.21, 0.23, 0.35
HSL	6°, 18%, 58%
HSV	6°, 23%, 65%
XYZ	28.0839, 26.2765, 24.0138
YIQ	142.0090, 22.1440, 6.1760

Conversions

Conversions Part 2

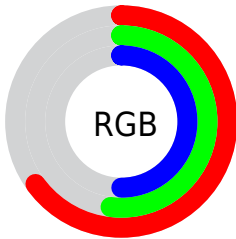
Format	Color
R_{YB}	167, 132, 128
Decimal	10978432
CIE _{Lab}	58.30, 12.77, 7.26
CIE _{LCh}	58, 14.694, 29.631
Yxy	26.2765, 0.3583, 0.3353
Android (android.graphics.Color)	4289168512 (0xFFA78480)
YUV	142.0090, -6.9064, 21.9171
Hunter-Lab	51.2606, 8.0879, 8.1071

Details

The XYZ color **28.0839, 26.2765, 24.0138** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **28.9741, 33.5728, 41.5125**, and the grayscale version is **25.7356, 27.0759, 29.4856**.

A 20% lighter version of the original color is **56.1209, 53.7221, 51.1276**, and **11.3680, 10.1765, 8.7622** is the 20% darker color. If you saturate the color by 10%, you get **25.1857, 22.0967, 18.0636**, and if you desaturate by 10%, it is **31.4564, 31.1150, 31.0153**.

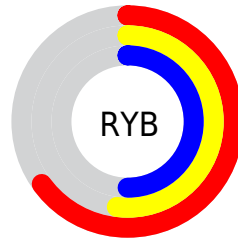
Distribution



Red (65%)

Green (52%)

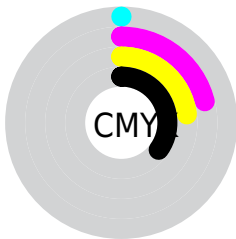
Blue (50%)



Red (65%)

Yellow (52%)

Blue (50%)

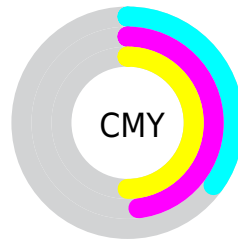


Cyan (0%)

Magenta (21%)

Yellow (23%)

Black (35%)



Cyan (35%)

Magenta (48%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0839, 26.2765, 24.0138 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 28.0839, 26.2765, 24.0138 by changing the saturation by 10% instead.

■ 28.0839, 26.2765,
24.0138

■ 28.0839, 26.2765,
24.0138

284.9404,
284.1368, 286.1790

■ 18.5297, 17.0306,
15.1316

■ 56.0261, 53.7207,
50.9968

■ 11.4329, 10.2563,
8.7641

■ 75.1447, 72.6877,
69.9347

■ 6.4283, 5.5692,
4.4929

■ 98.1823, 95.6640,
93.0615

■ 3.1503, 2.5850,
1.8995

125.5040,
123.0338, 120.7959

■ 1.2337, 0.9191,
0.4924

157.4754,
155.1816, 153.5563

■ 0.1328, 0.0000,
0.0000

194.4617,

■ 0.0000, 0.0000,

192.4918, 191.7612

0.0000

236.8282,
235.3487, 235.8293

■ 28.0839, 26.2765,
24.0138

■ 28.0839, 26.2765,
24.0138

■ 25.1857, 22.0967,
18.0636

■ 31.4564, 31.1150,
31.0153

■ 22.7384, 18.5436,
13.1125

■ 35.3210, 36.6351,
39.1137

■ 20.7200, 15.5881,
9.1059

■ 39.6971, 42.8632,
48.3540

■ 19.1054, 13.1972,
5.9836

■ 44.6025, 49.8230,
58.7780

■ 17.8674, 11.3348,
3.6787

■ 50.0540, 57.5374,
70.4257

■ 16.9748, 9.9606,
2.1141

■ 56.0679, 66.0280,
83.3350

■ 16.3917, 9.0285,
1.1984

■ 62.6597, 75.3158,
97.5422

■ 16.1391, 8.6208,
0.8134

■ 68.7628, 84.9882,
107.3879

■ 69.7464, 86.9555,
107.7158

Harmonies

Analogous

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



28.5728, 26.2765, 28.6740



28.0839, 26.2765, 24.0138



26.7536, 26.2765, 20.9292

Triad

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



28.0839, 26.2765, 24.0138



22.1249, 26.2765, 23.9163



24.9529, 26.2765, 39.6281

Complementary

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



28.0839, 26.2765, 24.0138



28.9741, 33.5728, 41.5125

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.



23.2771, 26.2765, 37.9734



28.0839, 26.2765, 24.0138



21.6927, 26.2765, 28.5473

Square

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



28.0839, 26.2765, 24.0138



23.3136, 26.2765, 20.8778



22.1045, 26.2765, 33.7596



26.7135, 26.2765, 38.0500

Rectangle

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



28.0839, 26.2765, 24.0138



25.5989, 26.2765, 19.9778



22.1045, 26.2765, 33.7596



24.3614, 26.2765, 39.4290

Sweetspot

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



28.0846, 26.2777, 24.0143



60.5395, 61.7333, 64.3401



30.2756, 26.3021, 38.1787



13.4595, 13.6890, 14.2135



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.



28.0846, 26.2777, 24.0143



47.5182, 43.0585, 37.2858



30.9640, 32.0365, 24.9741



7.5908, 7.6616, 7.8680



12.3680, 6.6334, 0.6285



0.3194, 0.1984, 0.0215

Inverse Universe

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



28.9741, 33.5728, 41.5125



49.3892, 58.4214, 74.1487



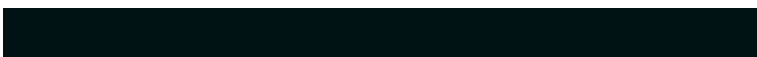
25.7903, 27.2051, 40.4513



7.6808, 8.3985, 9.6346



13.6865, 18.8333, 30.8893



0.3512, 0.4945, 0.7576

Previews

White Background



This preview shows how the XYZ color 28.0839, 26.2765, 24.0138 looks on a white background.

Color Contrast Check

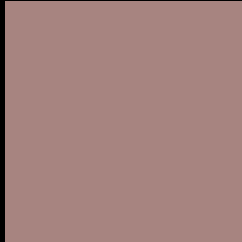
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0839, 26.2765, 24.0138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

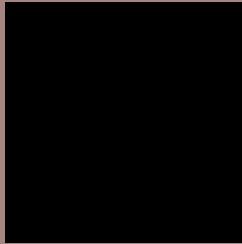
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0839, 26.2765, 24.0138

Background



This preview shows how black text looks on a background with the XYZ color 28.0839, 26.2765, 24.0138.



This preview shows how white text looks on a background with the XYZ color 28.0839, 26.2765,

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

28.0839, 26.2765, 24.0138

Protanopia

25.2200, 26.4419, 25.6043

Deuteranopia

26.7928, 26.2312, 23.7297



Tritanopia

28.8647, 26.1835, 28.3435

Trichromacy



Original Color

28.0839, 26.2765, 24.0138

Protanomaly

26.1793, 26.3023, 25.1698

Deuteranomaly

27.2562, 26.2639, 23.7116

Tritanomaly

28.7087, 26.3350, 26.8626

Monochromacy



Original Color

28.0839, 26.2765, 24.0138

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.3663, 26.5624, 27.4043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0839, 26.2765, 24.0138 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(167, 132, 128)` looks like.

```
.text, #text, p{  
    color:rgb(167, 132, 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(167, 132, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 132, 128) }
```

Border

The CSS property to change the border of an element to XYZ 28.0839, 26.2765, 24.0138 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(167, 132, 128) }
```


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

```
.border{ border-color:rgb(167, 132, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 132, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 132, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 132, 128);  
box-shadow:4px 4px 4px 4px rgb(167, 132,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0839, 26.2765, 24.0138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 132, 128) }
```

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

```
.background{ background-color: rgb(167,  
132, 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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