

Converting Colors

XYZ(28.3538, 26.7109, 25.7070)

Have a look what the booklet for
XYZ(28.3538, 26.7109, 25.7070)
contains.

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Color

**XYZ(28.4846, 26.8506,
25.8717)**

Conversions

Conversions Part 1

Format	Color
Hex	A68685
RGB	166, 134, 133
RGB Percent	65%, 53%, 52%
CMY	0.3490, 0.4745, 0.4784
CMYK	0.00, 0.19, 0.20, 0.35
HSL	2°, 16%, 59%
HSV	2°, 20%, 65%
XYZ	28.4846, 26.8506, 25.8717
YIQ	143.4540, 19.3930, 6.4730

Conversions

Conversions Part 2

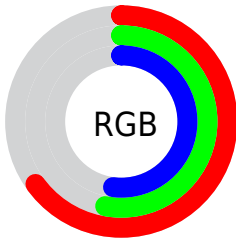
Format	Color
R_{YB}	166, 134, 133
Decimal	10913413
CIE _{Lab}	58.84, 12.03, 5.15
CIE _{LCh}	59, 13.089, 23.178
Yxy	26.8506, 0.3508, 0.3306
Android (android.graphics.Color)	4289103493 (0xFFA68685)
YUV	143.4540, -5.1538, 19.7728
Hunter-Lab	51.8176, 7.4424, 6.6697

Details

The XYZ color **28.4846, 26.8506, 25.8717** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.0107, 34.6492, 41.1828**, and the grayscale version is **26.3051, 27.6750, 30.1381**.

A 20% lighter version of the original color is **56.4520, 54.4580, 53.9905**, and **11.7100, 10.5581, 9.8082** is the 20% darker color. If you saturate the color by 10%, you get **25.3694, 22.3127, 19.6152**, and if you desaturate by 10%, it is **32.1212, 32.1407, 33.1968**.

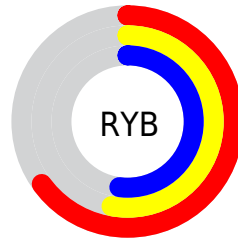
Distribution



Red (65%)

Green (53%)

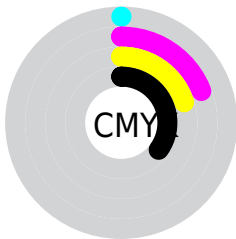
Blue (52%)



Red (65%)

Yellow (53%)

Blue (52%)

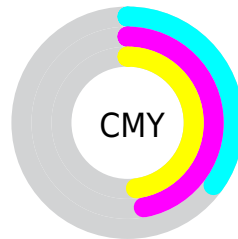


Cyan (0%)

Magenta (19%)

Yellow (20%)

Black (35%)



Cyan (35%)

Magenta (47%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4846, 26.8506, 25.8717 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 28.4846, 26.8506, 25.8717 by changing the saturation by 10% instead.

■ 28.4846, 26.8506,
25.8717

■ 28.4846, 26.8506,
25.8717

286.8136,
286.9330, 295.7371

■ 18.8336, 17.4611,
16.5028

■ 56.6605, 54.6440,
54.0494

■ 11.6534, 10.5638,
9.7224

■ 75.9160, 73.8167,
73.6953

■ 6.5786, 5.7743,
5.1121

■ 99.1038, 97.0192,
97.6040

■ 3.2440, 2.7083,
2.2533

126.5892,
124.6359, 126.1939

■ 1.2841, 0.9814,
0.7049

158.7375,
157.0513, 159.8836

■ 0.1712, 0.0000,
0.0000

195.9141,

■ 0.0000, 0.0000,

194.6497, 199.0917

0.0000

238.4843,
237.8154, 244.2367

■ 28.4846, 26.8506,
25.8717

■ 28.4846, 26.8506,
25.8717

■ 25.3694, 22.3127,
19.6152

■ 32.1212, 32.1407,
33.1968

■ 22.7496, 18.4893,
14.3759

■ 36.2991, 38.2110,
41.6355

■ 20.6004, 15.3452,
10.1005

■ 41.0400, 45.0927,
51.2320

■ 18.8937, 12.8407,
6.7303

■ 46.3639, 52.8141,
62.0279

■ 17.5989, 10.9318,
4.2002

■ 52.2894, 61.4022,
74.0625

■ 16.6812, 9.5692,
2.4363

■ 58.8347, 70.8828,
87.3734

■ 16.1000, 8.6956,
1.3520

■ 66.0170, 81.2806,
101.9965

■ 15.7839, 8.2212,
0.7607

■ 69.5360, 86.8470,
107.7060

■ 15.7807, 8.2166,
0.7542

Harmonies

Analogous

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



28.7315, 26.8506, 30.3054



28.4846, 26.8506, 25.8717



27.4283, 26.8506, 22.6759

Triad

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



28.4846, 26.8506, 25.8717



23.1136, 26.8506, 24.2207



25.1534, 26.8506, 38.9902

Complementary

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



28.4846, 26.8506, 25.8717



30.0107, 34.6492, 41.1828

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.



23.7036, 26.8506, 36.9524



28.4846, 26.8506, 25.8717



22.5585, 26.8506, 28.1915

Square

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



28.4846, 26.8506, 25.8717



24.3173, 26.8506, 21.7953



22.7699, 26.8506, 32.8794



26.7631, 26.8506, 38.2018

Rectangle

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



28.4846, 26.8506, 25.8717



26.4304, 26.8506, 21.5191



22.7699, 26.8506, 32.8794



24.6321, 26.8506, 38.6065

Sweetspot

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



28.4853, 26.8518, 25.8723



61.0357, 62.3133, 65.7773



30.9463, 27.6154, 39.5119



13.5558, 13.7950, 14.5120



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.



28.4853, 26.8518, 25.8723



49.0008, 44.8059, 41.5344



30.8741, 31.6294, 26.6685



7.5487, 7.5775, 7.8540



12.2435, 6.3842, 0.5870



0.3034, 0.1664, 0.0161

Inverse Universe

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



30.0107, 34.6492, 41.1828



52.2963, 61.6541, 74.6194



27.2957, 29.2191, 40.2778



7.7277, 8.4924, 9.6502



15.2207, 21.9017, 31.4007



0.3762, 0.5445, 0.7659

Previews

White Background



This preview shows how the XYZ color 28.4846, 26.8506, 25.8717 looks on a white background.

Color Contrast Check

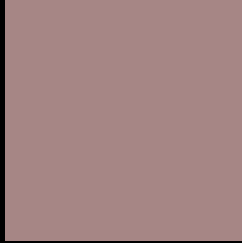
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4846, 26.8506, 25.8717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

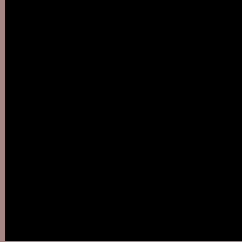
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4846, 26.8506, 25.8717

Background



This preview shows how black text looks on a background with the XYZ color 28.4846, 26.8506, 25.8717.



This preview shows how white text looks on a background with the XYZ color 28.4846, 26.8506,

25.8717.

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

28.4846, 26.8506, 25.8717

Protanopia

25.7173, 26.8756, 27.4990

Deuteranopia

27.4086, 26.9282, 25.5829



Tritanopia

29.1455, 26.7012, 29.6043

Trichromacy



Original Color

28.4846, 26.8506, 25.8717

Protanomaly

26.6693, 26.7268, 27.0457

Deuteranomaly

27.8693, 26.9556, 25.5639

Tritanomaly

28.9841, 26.8546, 28.0819

Monochromacy



Original Color

28.4846, 26.8506, 25.8717

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.8008, 27.1996, 28.2636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4846, 26.8506, 25.8717 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(166, 134, 133)` looks like.

```
.text, #text, p{  
    color:rgb(166, 134, 133)  
}
```

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(166, 134, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 134, 133) }
```

Border

The CSS property to change the border of an element to XYZ 28.4846, 26.8506, 25.8717 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(166, 134, 133) }
```


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

```
.border{ border-color:rgb(166, 134, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 134, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 134, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 134, 133);  
box-shadow:4px 4px 4px 4px rgb(166, 134,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4846, 26.8506, 25.8717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 134, 133) }
```

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

```
.background{ background-color: rgb(166,  
134, 133) }
```

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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