

Converting Colors

XYZ(29.0301, 27.0214, 25.9948)

Have a look what the booklet for
XYZ(29.0301, 27.0214, 25.9948)
contains.

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Color

**XYZ(28.9834, 26.9035,
25.8556)**

Conversions

Conversions Part 1

Format	Color
Hex	A98585
RGB	169, 133, 133
RGB Percent	66%, 52%, 52%
CMY	0.3373, 0.4784, 0.4784
CMYK	0.00, 0.21, 0.21, 0.34
HSL	0°, 17%, 59%
HSV	0°, 21%, 66%
XYZ	28.9834, 26.9035, 25.8556
YIQ	143.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

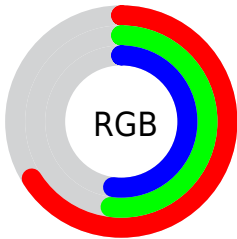
Format	Color
R_{YB}	169, 133, 133
Decimal	11109765
CIE _{Lab}	58.88, 13.76, 5.26
CIE _{LCh}	59, 14.735, 20.924
Yxy	26.9035, 0.3546, 0.3291
Android (android.graphics.Color)	4289299845 (0xFFA98585)
YUV	143.7640, -5.3067, 22.1320
Hunter-Lab	51.8686, 8.9731, 6.7530

Details

The XYZ color **28.9834, 26.9035, 25.8556** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.0221, 36.2263, 42.8939**, and the grayscale version is **26.4295, 27.8059, 30.2807**.

A 20% lighter version of the original color is **57.4732, 54.6705, 53.9777**, and **11.8959, 10.5396, 9.7949** is the 20% darker color. If you saturate the color by 10%, you get **25.7782, 22.2135, 19.4828**, and if you desaturate by 10%, it is **32.7502, 32.4156, 33.3431**.

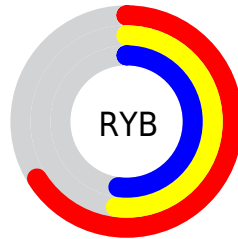
Distribution



Red (66%)

Green (52%)

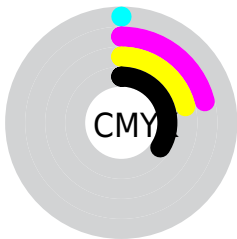
Blue (52%)



Red (66%)

Yellow (52%)

Blue (52%)

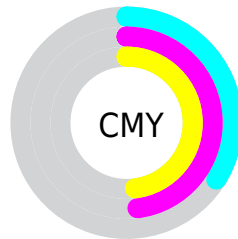


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (34%)



Cyan (34%)

Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9834, 26.9035, 25.8556 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 28.9834, 26.9035, 25.8556 by changing the saturation by 10% instead.

■ 28.9834, 26.9035,
25.8556

■ 28.9834, 26.9035,
25.8556

289.1322,
287.1896, 295.6554

■ 19.2125, 17.5008,
16.4908

■ 57.4485, 54.7290,
54.0231

■ 11.9288, 10.5922,
9.7140

■ 76.8733, 73.9205,
73.6630

■ 6.7671, 5.7933,
5.1067

■ 100.2468, 97.1438,
97.5649

■ 3.3619, 2.7198,
2.2501

127.9344,
124.7831, 126.1476

■ 1.3479, 0.9873,
0.7031

160.3014,
157.2230, 159.8294

■ 0.2186, 0.0000,
0.0000

197.7131,

■ 0.0000, 0.0000,

194.8478, 199.0289

0.0000

240.5349,
238.0418, 244.1648

■ 28.9834, 26.9035,
25.8556

■ 28.9834, 26.9035,
25.8556

■ 25.7782, 22.2135,
19.4828

■ 32.7502, 32.4156,
33.3431

■ 23.1055, 18.3027,
14.1698

■ 37.1014, 38.7825,
41.9932

■ 20.9374, 15.1300,
9.8596

■ 42.0610, 46.0397,
51.8531

■ 19.2420, 12.6492,
6.4895

■ 47.6513, 54.2198,
62.9667

■ 17.9842, 10.8086,
3.9892

■ 53.8933, 63.3535,
75.3760

■ 17.1238, 9.5495,
2.2789

■ 60.8071, 73.4701,
89.1209

■ 16.6133, 8.8023,
1.2642

■ 68.4118, 84.5978,
104.2395

■ 16.3625, 8.4354,
0.7658

■ 70.1724, 87.1751,
107.7357

Harmonies

Analogous

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



29.1873, 26.9035, 30.9040



28.9834, 26.9035, 25.8556



27.8425, 26.9035, 22.1770

Triad

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



28.9834, 26.9035, 25.8556



22.9476, 26.9035, 23.4153



25.0225, 26.9035, 40.3550

Complementary

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



28.9834, 26.9035, 25.8556



31.0221, 36.2263, 42.8939

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.



23.4265, 26.9035, 37.7893



28.9834, 26.9035, 25.8556



22.2664, 26.9035, 27.7396

Square

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



28.9834, 26.9035, 25.8556



24.3406, 26.9035, 20.8886



22.4375, 26.9035, 33.0230



26.8421, 26.9035, 39.6952

Rectangle

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



28.9834, 26.9035, 25.8556



26.7326, 26.9035, 20.8004



22.4375, 26.9035, 33.0230



24.4435, 26.9035, 39.8309

Sweetspot

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



28.9841, 26.9047, 25.8562



62.5674, 63.7813, 67.4964



31.9115, 28.0750, 41.2736



13.5329, 13.7492, 14.5044



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.



28.9841, 26.9047, 25.8562



48.8214, 43.6671, 40.1694



31.6628, 32.2621, 26.7490



7.5312, 7.5424, 7.8482



12.1948, 6.2868, 0.5707



0.2967, 0.1530, 0.0139

Inverse Universe

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



31.0221, 36.2263, 42.8939



53.1920, 63.6585, 76.7089



27.9013, 29.9847, 41.8536



7.7475, 8.5320, 9.6568



15.9097, 23.2795, 31.6304



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 28.9834, 26.9035, 25.8556 looks on a white background.

Color Contrast Check

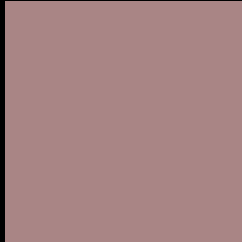
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9834, 26.9035, 25.8556 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 28.9834, 26.9035, 25.8556

Background



This preview shows how black text looks on a background with the XYZ color 28.9834, 26.9035, 25.8556.



This preview shows how white text looks on a background with the XYZ color 28.9834, 26.9035,

25.8556.

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

28.9834, 26.9035, 25.8556

Protanopia

25.7894, 26.9045, 27.8786

Deuteranopia

27.4086, 26.9282, 25.5829



Tritanopia

29.7113, 27.0016, 29.2371

Trichromacy



Original Color

28.9834, 26.9035, 25.8556

Protanomaly

26.8588, 26.8246, 27.0546

Deuteranomaly

28.0733, 27.0608, 25.5734

Tritanomaly

29.4890, 26.9127, 28.0665

Monochromacy



Original Color

28.9834, 26.9035, 25.8556

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.2486, 27.4219, 28.6677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9834, 26.9035, 25.8556 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(169, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(169, 133, 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(169, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 133, 133) }
```

Border

The CSS property to change the border of an element to XYZ 28.9834, 26.9035, 25.8556 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(169, 133, 133) }
```


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

```
.border{ border-color:rgb(169, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 133, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 133, 133); box-shadow:4px 4px 4px 4px rgb(169, 133, 133) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9834, 26.9035, 25.8556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 133, 133) }
```

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

```
.background{ background-color: rgb(169,  
133, 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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