

Converting Colors

XYZ(32.7241, 29.1834, 26.6508)

Have a look what the booklet for
XYZ(32.7241, 29.1834, 26.6508)
contains.

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Color

**XYZ(32.8043, 29.2676,
26.8419)**

Conversions

Conversions Part 1

Format	Color
Hex	B88787
RGB	184, 135, 135
RGB Percent	72%, 53%, 53%
CMY	0.2784, 0.4706, 0.4706
CMYK	0.00, 0.27, 0.27, 0.28
HSL	0°, 26%, 63%
HSV	0°, 27%, 72%
XYZ	32.8043, 29.2676, 26.8419
YIQ	149.6510, 29.2040, 10.3880

Conversions

Conversions Part 2

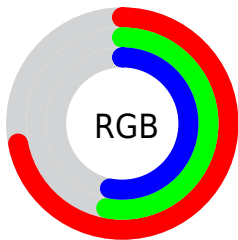
Format	Color
RYB	184, 135, 135
Decimal	12093319
CIELab	61.02, 18.76, 7.38
CIELCh	61, 20.156, 21.487
Yxy	29.2676, 0.3689, 0.3292
Android (android.graphics.Color)	4290283399 (0xFFB88787)
YUV	149.6510, -7.2229, 30.1241
Hunter-Lab	54.0995, 13.5627, 8.4525

Details

The XYZ color **32.8043, 29.2676, 26.8419** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.7833, 42.8911, 51.7403**, and the grayscale version is **28.8632, 30.3664, 33.0690**.

A 20% lighter version of the original color is **63.5503, 58.7268, 55.5629**, and **14.0941, 11.8987, 10.1482** is the 20% darker color. If you saturate the color by 10%, you get **29.2702, 24.0964, 19.8152**, and if you desaturate by 10%, it is **37.0075, 35.4183, 35.1968**.

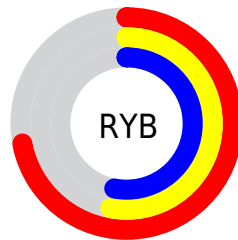
Distribution



Red (72%)

Green (53%)

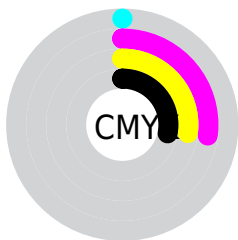
Blue (53%)



Red (72%)

Yellow (53%)

Blue (53%)

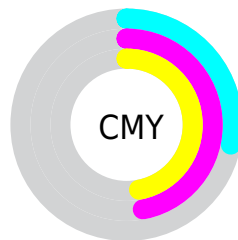


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (28%)



Cyan (28%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8043, 29.2676, 26.8419 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 32.8043, 29.2676, 26.8419 by changing the saturation by 10% instead.


 32.8043, 29.2676,
26.8419


 32.8043, 29.2676,
26.8419

306.4476,
298.4755, 300.6267

 22.1351, 19.2833,
17.2231


 63.4266, 58.5020,
55.6307

 14.0734, 11.8752,
10.2301


 84.1104, 78.5209,
75.6378

 8.2537, 6.6588,
5.4442

 108.8631,
102.6535, 99.9448

 4.3109, 3.2496,
2.4469

138.0500,
131.2842, 128.9702

 1.8795, 1.2634,
0.8118

172.0366,
164.7973, 163.1326

 0.5649, 0.1126,
0.0000

211.1882,

 0.0000, 0.0000,

203.5773, 202.8504

0.0000

255.8700,
248.0086, 248.5423

■ 32.8043, 29.2676,
26.8419

■ 32.8043, 29.2676,
26.8419

■ 29.2702, 24.0964,
19.8152

■ 37.0075, 35.4183,
35.1968

■ 26.3685, 19.8503,
14.0468

■ 41.9093, 42.5910,
44.9416

■ 24.0625, 16.4760,
9.4629

■ 47.5404, 50.8307,
56.1361

■ 22.3111, 13.9131,
5.9813

■ 53.9287, 60.1785,
68.8362

■ 21.0676, 12.0934,
3.5095

■ 61.1009, 70.6733,
83.0948

■ 20.2778, 10.9377,
1.9397

■ 69.0823, 82.3523,
98.9621

■ 19.8686, 10.3389,
1.1265

■ 73.5772, 88.9304,
107.8951

■ 19.7674, 10.1907,
0.9251

Harmonies

Analogous

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



33.1362, 29.2676, 34.0642



32.8043, 29.2676, 26.8419



31.0940, 29.2676, 21.8077

Triad

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



32.8043, 29.2676, 26.8419



24.0385, 29.2676, 23.6583



27.0746, 29.2676, 48.4817

Complementary

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



32.8043, 29.2676, 26.8419



35.7833, 42.8911, 51.7403

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.



24.7805, 29.2676, 44.6246



32.8043, 29.2676, 26.8419



23.1016, 29.2676, 29.7672

Square

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



32.8043, 29.2676, 26.8419



26.0029, 29.2676, 20.1817



23.3644, 29.2676, 37.4841



29.7156, 29.2676, 47.3677

Rectangle

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



32.8043, 29.2676, 26.8419



29.4581, 29.2676, 19.9923



23.3644, 29.2676, 37.4841



26.2399, 29.2676, 47.7041

Sweetspot

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



32.8051, 29.2690, 26.8425



74.5526, 75.1306, 78.6469



37.0830, 30.9793, 49.3726



15.7730, 15.7591, 16.3602



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.8051, 29.2690, 26.8425



55.5415, 47.3121, 40.8533



36.6248, 36.9084, 28.1157



9.0047, 9.0123, 9.3719



13.6235, 7.0234, 0.6376



0.4803, 0.2476, 0.0225

Inverse Universe

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



35.7833, 42.8911, 51.7403



61.8571, 76.1997, 93.6524



31.1280, 33.5805, 50.1885



9.2667, 10.2105, 11.5619



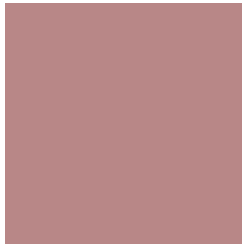
17.7737, 26.0071, 35.3362



0.6266, 0.9169, 1.2457

Previews

White Background



This preview shows how the XYZ color 32.8043, 29.2676, 26.8419 looks on a white background.

Color Contrast Check

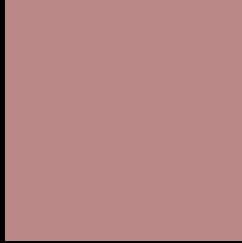
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.8043, 29.2676, 26.8419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

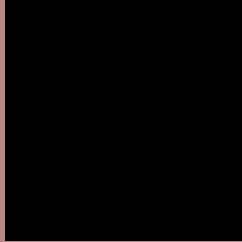
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.8043, 29.2676, 26.8419

Background



This preview shows how black text looks on a background with the XYZ color 32.8043, 29.2676, 26.8419.



This preview shows how white text looks on a background with the XYZ color 32.8043, 29.2676,

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

32.8043, 29.2676, 26.8419

Protanopia

28.1903, 29.4659, 29.4010

Deuteranopia

29.9124, 29.2827, 26.6298



Tritanopia

33.5667, 29.3781, 30.2869

Trichromacy



Original Color

32.8043, 29.2676, 26.8419

Protanomaly

29.7925, 29.4015, 28.5309

Deuteranomaly

30.7693, 29.0707, 26.5437

Tritanomaly

33.3404, 29.2876, 29.0951

Monochromacy



Original Color

32.8043, 29.2676, 26.8419

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.1365, 29.9765, 30.9857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8043, 29.2676, 26.8419 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(184, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(184, 135, 135)  
}
```

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(184, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 135, 135) }
```

Border

The CSS property to change the border of an element to XYZ 32.8043, 29.2676, 26.8419 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(184, 135, 135) }
```


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

```
.border{ border-color:rgb(184, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(184, 135,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8043, 29.2676, 26.8419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 135, 135) }
```

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

```
.background{ background-color: rgb(184,  
135, 135) }
```

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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