

Converting Colors

XYZ(32.3516, 28.8387, 26.4121)

Have a look what the booklet for
XYZ(32.3516, 28.8387, 26.4121)
contains.

XYZ(32.3566, 28.8387, 26.4153)	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(32.3566, 28.8387,
26.4153)**

Conversions

Conversions Part 1

Format	Color
Hex	B78686
RGB	183, 134, 134
RGB Percent	72%, 53%, 53%
CMY	0.2824, 0.4745, 0.4745
CMYK	0.00, 0.27, 0.27, 0.28
HSL	0°, 25%, 62%
HSV	0°, 27%, 72%
XYZ	32.3566, 28.8387, 26.4153
YIQ	148.6510, 29.2040, 10.3880

Conversions

Conversions Part 2

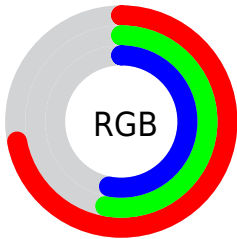
Format	Color
RYB	183, 134, 134
Decimal	12027526
CIELab	60.64, 18.78, 7.40
CIELCh	61, 20.187, 21.502
Yxy	28.8387, 0.3693, 0.3292
Android (android.graphics.Color)	4290217606 (0xFFB78686)
YUV	148.6510, -7.2229, 30.1241
Hunter-Lab	53.7017, 13.5728, 8.4270

Details

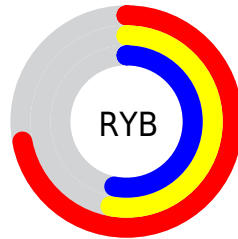
The XYZ color **32.3566, 28.8387, 26.4153** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.3117, 42.3529, 51.1137**, and the grayscale version is **28.4419, 29.9231, 32.5863**.

A 20% lighter version of the original color is **62.6751, 57.6538, 54.8387**, and **13.8238, 11.6479, 9.9072** is the 20% darker color. If you saturate the color by 10%, you get **28.8751, 23.7444, 19.4932**, and if you desaturate by 10%, it is **36.4982, 34.8992, 34.6478**.

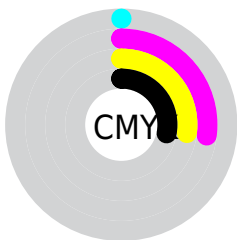
Distribution



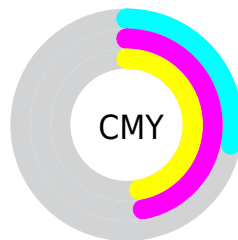
- Red (72%)
- Green (53%)
- Blue (53%)



- 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 32.3566, 28.8387, 26.4153 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 32.3566, 28.8387, 26.4153 by changing the saturation by 10% instead.


 32.3566, 28.8387,
26.4153


 32.3566, 28.8387,
26.4153


304.4570,
296.4531, 298.4849

 21.7909, 18.9588,
16.9060


 62.7311, 57.8207,
54.9365

 13.8191, 11.6405,
10.0063


 83.2707, 77.6916,
74.7854

 8.0758, 6.4994,
5.2975

 107.8655,
101.6617, 98.9181

 4.1957, 3.1511,
2.3611

136.8810,
130.1154, 127.7529

 1.8134, 1.2111,
0.7651

170.6826,
163.4369, 161.7084

 0.5257, 0.0707,
0.0000

209.6355,

 0.0000, 0.0000,

202.0108, 201.2033

0.0000

254.1052,
246.2214, 246.6559

■ 32.3566, 28.8387,
26.4153

■ 32.3566, 28.8387,
26.4153

■ 28.8751, 23.7444,
19.4932

■ 36.4982, 34.8992,
34.6478

■ 26.0173, 19.5627,
13.8122

■ 41.3290, 41.9681,
44.2514

■ 23.7473, 16.2410,
9.2996

■ 46.8793, 50.0896,
55.2853

■ 22.0241, 13.7193,
5.8741

■ 53.1767, 59.3044,
67.8046

■ 20.8017, 11.9305,
3.4442

■ 60.2476, 69.6510,
81.8617

■ 20.0265, 10.7962,
1.9035

■ 68.1169, 81.1659,
97.5062

■ 19.6250, 10.2086,
1.1056

■ 73.3385, 88.8073,
107.8839

■ 19.5286, 10.0676,
0.9140

Harmonies

Analogous

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



32.6867, 28.8387, 33.5755



32.3566, 28.8387, 26.4153



30.6589, 28.8387, 21.4302

Triad

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



32.3566, 28.8387, 26.4153



23.6626, 28.8387, 23.2668



26.6744, 28.8387, 47.8930

Complementary

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



32.3566, 28.8387, 26.4153



35.3117, 42.3529, 51.1137

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.



24.3997, 28.8387, 44.0641



32.3566, 28.8387, 26.4153



22.7347, 28.8387, 29.3214

Square

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



32.3566, 28.8387, 26.4153



25.6094, 28.8387, 19.8235



22.9957, 28.8387, 36.9764



29.2938, 28.8387, 46.7839

Rectangle

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



32.3566, 28.8387, 26.4153



29.0358, 28.8387, 19.6342



22.9957, 28.8387, 36.9764



25.8467, 28.8387, 47.1214

Sweetspot

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



32.3574, 28.8400, 26.4159



72.7713, 73.3376, 76.7720



36.6010, 30.5367, 48.7650



15.7730, 15.7590, 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.



32.3574, 28.8400, 26.4159



54.2230, 46.1962, 39.8984



36.1441, 36.4134, 27.6781



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.



35.3117, 42.3529, 51.1137



60.3848, 74.3795, 91.4098



30.6914, 33.1122, 49.5736



9.2667, 10.2105, 11.5619



17.7738, 26.0074, 35.3362



0.6266, 0.9169, 1.2457

Previews

White Background



This preview shows how the XYZ color 32.3566, 28.8387, 26.4153 looks on a white background.

Color Contrast Check

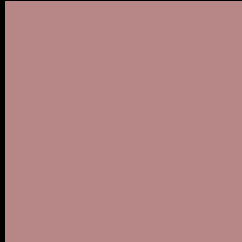
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3566, 28.8387, 26.4153 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 32.3566, 28.8387, 26.4153

Background



This preview shows how black text looks on a background with the XYZ color 32.3566, 28.8387, 26.4153.



This preview shows how white text looks on a background with the XYZ color 32.3566, 28.8387,

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

32.3566, 28.8387, 26.4153

Protanopia

27.7750, 29.0305, 28.9505

Deuteranopia

29.4844, 28.8502, 26.2050



Tritanopia

33.1126, 28.9486, 29.8290

Trichromacy



Original Color

32.3566, 28.8387, 26.4153

Protanomaly

29.3647, 28.9675, 28.0884

Deuteranomaly

30.3354, 28.6411, 26.1197

Tritanomaly

32.8883, 28.8589, 28.6479

Monochromacy



Original Color

32.3566, 28.8387, 26.4153

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.7052, 29.5372, 30.5212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3566, 28.8387, 26.4153 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(183, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(183, 134, 134)  
}
```

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(183, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 134, 134) }
```

Border

The CSS property to change the border of an element to XYZ 32.3566, 28.8387, 26.4153 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(183, 134, 134) }
```


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

```
.border{ border-color:rgb(183, 134, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 134, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(183, 134,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3566, 28.8387, 26.4153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 134, 134) }
```

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

```
.background{ background-color: rgb(183,  
134, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor