

Converting Colors

XYZ(32.8189, 27.9465, 25.0808)

Have a look what the booklet for
XYZ(32.8189, 27.9465, 25.0808)
contains.

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Color

**XYZ(32.8022, 27.8959,
25.1283)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8083
RGB	189, 128, 131
RGB Percent	74%, 50%, 51%
CMY	0.2588, 0.4980, 0.4863
CMYK	0.00, 0.32, 0.31, 0.26
HSL	357°, 32%, 62%
HSV	357°, 32%, 74%
XYZ	32.8022, 27.8959, 25.1283
YIQ	146.5810, 35.3930, 13.8650

Conversions

Conversions Part 2

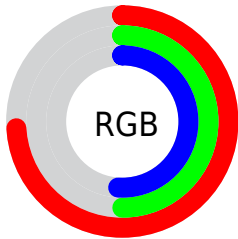
Format	Color
R_{YB}	189, 128, 131
Decimal	12419203
CIE Lab	59.79, 24.02, 8.00
CIE LCh	60, 25.316, 18.429
Yxy	27.8959, 0.3822, 0.3250
Android (android.graphics.Color)	4290609283 (0xFFBD8083)
YUV	146.5810, -7.6814, 37.2015
Hunter-Lab	52.8166, 18.4300, 8.7635

Details

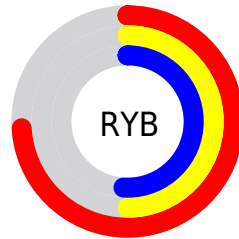
The XYZ color **32.8022, 27.8959, 25.1283** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.9639, 44.5302, 53.1565**, and the grayscale version is **27.5814, 29.0178, 31.6004**.

A 20% lighter version of the original color is **63.5334, 56.2826, 52.8625**, and **14.0789, 11.1263, 9.3882** is the 20% darker color. If you saturate the color by 10%, you get **29.4485, 22.9715, 18.5132**, and if you desaturate by 10%, it is **36.8279, 33.8258, 33.0103**.

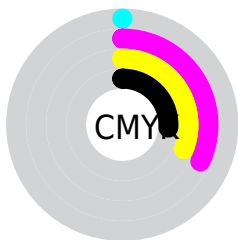
Distribution



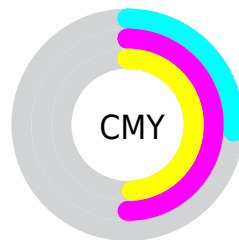
- Red (74%)
- Green (50%)
- Blue (51%)



- Red (74%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (32%)
- Yellow (31%)
- Black (26%)





- Cyan (26%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8022, 27.8959, 25.1283 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 32.8022, 27.8959, 25.1283 by changing the saturation by 10% instead.


 32.8022, 27.8959,
25.1283


 32.8022, 27.8959,
25.1283


306.4383,
291.9692, 291.9444


 22.1335, 18.2472,
15.9528


 63.4233, 56.3182,
52.8320

 14.0722, 11.1276,
9.3368


 84.1065, 75.8606,
72.1972

 8.2529, 6.1527,
4.8617


 108.8584, 99.4697,
95.7961

 4.3104, 2.9382,
2.1090

138.0446,
127.5298, 124.0472

 1.8792, 1.0995,
0.6211

172.0303,
160.4255, 157.3691

 0.5647, 0.0000,
0.0000

211.1809,

 0.0000, 0.0000,

198.5410, 196.1802

0.0000

255.8618,
242.2607, 240.8991

■ 32.8022, 27.8959,
25.1283

■ 32.8022, 27.8959,
25.1283

■ 29.4485, 22.9715,
18.5132

■ 36.8279, 33.8258,
33.0103

■ 26.7280, 18.9931,
13.0975

■ 41.5570, 40.8084,
42.2188

■ 24.6016, 15.9013,
8.8097

■ 47.0218, 48.8928,
52.8115

■ 23.0248, 13.6281,
5.5701

■ 53.2516, 58.1236,
64.8422

■ 21.9470, 12.0959,
3.2889

■ 60.2744, 68.5431,
78.3619

■ 21.3080, 11.2120,
1.8607

■ 68.1168, 80.1916,
93.4191

■ 21.0372, 10.8392,
1.2500

■ 74.7963, 89.5588,
107.9521

Harmonies

Analogous

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



33.0226, 27.8959, 34.0540



32.8022, 27.8959, 25.1283



30.8180, 27.8959, 18.9892

Triad

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



32.8022, 27.8959, 25.1283



22.1651, 27.8959, 20.1019



25.2970, 27.8959, 51.1571

Complementary

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



32.8022, 27.8959, 25.1283



35.9639, 44.5302, 53.1565

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.



22.6310, 27.8959, 45.5866



32.8022, 27.8959, 25.1283



20.9226, 27.8959, 26.9689

Square

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



32.8022, 27.8959, 25.1283



24.6131, 27.8959, 16.5162



21.0860, 27.8959, 36.3030



28.5108, 27.8959, 50.3873

Rectangle

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



32.8022, 27.8959, 25.1283



28.8455, 27.8959, 16.7378



21.0860, 27.8959, 36.3030



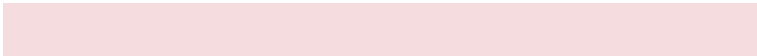
24.3121, 27.8959, 49.9248

Sweetspot

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



32.8029, 27.8972, 25.1289



76.3846, 75.9794, 79.4117



37.1428, 29.5467, 51.8897



16.1449, 15.9233, 16.5312



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.8029, 27.8972, 25.1289



54.2200, 43.3090, 36.0811



36.6798, 35.9712, 25.4337



9.5487, 9.5438, 10.0122



14.1628, 7.2963, 0.8848



0.5613, 0.2884, 0.0692

Inverse Universe

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



32.8029, 27.8972, 25.1289



54.2200, 43.3090, 36.0811



30.9298, 33.9470, 53.0665



9.5487, 9.5438, 10.0122



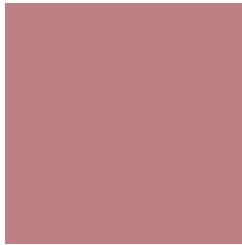
14.1628, 7.2963, 0.8848



0.5613, 0.2884, 0.0692

Previews

White Background



This preview shows how the XYZ color 32.8022, 27.8959, 25.1283 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 32.8022, 27.8959, 25.1283 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 32.8022, 27.8959, 25.1283

Background



This preview shows how black text looks on a background with the XYZ color 32.8022, 27.8959, 25.1283.



This preview shows how white text looks on a background with the XYZ color 32.8022, 27.8959,

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

32.8022, 27.8959, 25.1283

Protanopia

26.9196, 28.1359, 28.8229

Deuteranopia

28.5049, 27.9427, 24.6600



Tritanopia

33.3399, 27.9320, 27.3011

Trichromacy



Original Color

32.8022, 27.8959, 25.1283

Protanomaly

28.7081, 27.7696, 27.5139

Deuteranomaly

29.9268, 27.8239, 24.9123

Tritanomaly

33.1978, 27.8752, 26.5524

Monochromacy



Original Color

32.8022, 27.8959, 25.1283

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.0861, 28.3606, 29.1405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8022, 27.8959, 25.1283 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(189, 128, 131)` looks like.

```
.text, #text, p{  
    color:rgb(189, 128, 131)  
}
```

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(189, 128, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 128, 131) }
```

Border

The CSS property to change the border of an element to XYZ 32.8022, 27.8959, 25.1283 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(189, 128, 131) }
```


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

```
.border{ border-color:rgb(189, 128, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 128, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 128, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 128, 131);  
box-shadow:4px 4px 4px 4px rgb(189, 128,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8022, 27.8959, 25.1283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 128, 131) }
```

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

```
.background{ background-color: rgb(189,  
128, 131) }
```

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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