

Converting Colors

XYZ(32.2215, 27.1960, 24.7373)

Have a look what the booklet for
XYZ(32.2215, 27.1960, 24.7373)
contains.

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Color

**XYZ(32.2292, 27.2248,
24.6753)**

Conversions

Conversions Part 1

Format	Color
Hex	BC7E82
RGB	188, 126, 130
RGB Percent	74%, 49%, 51%
CMY	0.2627, 0.5059, 0.4902
CMYK	0.00, 0.33, 0.31, 0.26
HSL	356°, 32%, 62%
HSV	356°, 33%, 74%
XYZ	32.2292, 27.2248, 24.6753
YIQ	144.9940, 35.6680, 14.3880

Conversions

Conversions Part 2

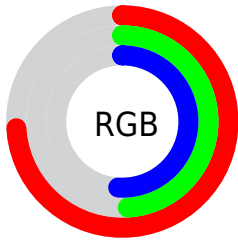
Format	Color
R_{YB}	188, 126, 130
Decimal	12353154
CIE _{Lab}	59.18, 24.60, 7.69
CIE _{LCh}	59, 25.778, 17.353
Yxy	27.2248, 0.3831, 0.3236
Android (android.graphics.Color)	4290543234 (0xFFBC7E82)
YUV	144.9940, -7.3920, 37.7163
Hunter-Lab	52.1774, 18.9464, 8.4852

Details

The XYZ color **32.2292, 27.2248, 24.6753** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **35.2404, 43.8635, 51.9590**, and the grayscale version is **26.9308, 28.3333, 30.8550**.

A 20% lighter version of the original color is **62.6734, 55.2519, 52.1612**, and **13.7425, 10.7495, 9.1351** is the 20% darker color. If you saturate the color by 10%, you get **28.9659, 22.4286, 18.2524**, and if you desaturate by 10%, it is **36.1476, 33.0078, 32.3127**.

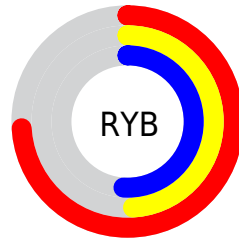
Distribution



Red (74%)

Green (49%)

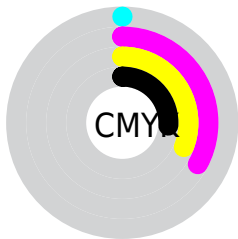
Blue (51%)



Red (74%)

Yellow (49%)

Blue (51%)

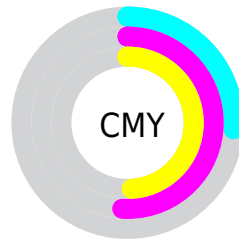


Cyan (0%)

Magenta (33%)

Yellow (31%)

Black (26%)



Cyan (26%)


Magenta (51%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2292, 27.2248, 24.6753 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 32.2292, 27.2248, 24.6753 by changing the saturation by 10% instead.


 32.2292, 27.2248,
24.6753


 32.2292, 27.2248,
24.6753


303.8888,
288.7439, 289.6128


 21.6930, 17.7421,
15.6185


 62.5330, 55.2444,
52.0875

 13.7468, 10.7650,
9.1032


 83.0313, 74.5501,
71.2801

 8.0253, 5.9090,
4.7108


 107.5811, 97.8989,
94.6882

 4.1631, 2.7899,
2.0229

136.5476,
125.6753, 122.7306

 1.7948, 1.0230,
0.5693

170.2963,
158.2636, 155.8257

 0.5145, 0.0000,
0.0000

209.1925,

 0.0000, 0.0000,

196.0482, 194.3921

0.0000

253.6015,
239.4135, 238.8482

■ 32.2292, 27.2248,
24.6753

■ 32.2292, 27.2248,
24.6753

■ 28.9659, 22.4286,
18.2524

■ 36.1476, 33.0078,
32.3127

■ 26.3198, 18.5605,
12.9800

■ 40.7517, 39.8242,
41.2210

■ 24.2526, 15.5616,
8.7904


■ 46.0730, 47.7226,
51.4550


■ 22.7208, 13.3646,
5.6084


■ 52.1404, 56.7471,
63.0659

■ 21.6748, 11.8923,
3.3491

■ 58.9810, 66.9394,
76.1020

 21.0555, 11.0524,
1.9137

 66.6208, 78.3392,
90.6094

 20.8062, 10.7182,
1.3238

 74.2477, 89.3108,
106.3532

 74.5491, 89.4314,
107.9406

Harmonies

Analogous

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



32.3813, 27.2248, 33.6864



32.2292, 27.2248, 24.6753



30.2894, 27.2248, 18.4452

Triad

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



32.2292, 27.2248, 24.6753



21.5949, 27.2248, 19.2036



24.5477, 27.2248, 50.4638

Complementary

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



32.2292, 27.2248, 24.6753



35.2404, 43.8635, 51.9590

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.



21.9143, 27.2248, 44.6465



32.2292, 27.2248, 24.6753



20.3067, 27.2248, 25.9372

Square

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



32.2292, 27.2248, 24.6753



24.0780, 27.2248, 15.7645



20.4185, 27.2248, 35.2367



27.7621, 27.2248, 49.9300

Rectangle

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



32.2292, 27.2248, 24.6753



28.3277, 27.2248, 16.1341



20.4185, 27.2248, 35.2367



23.5707, 27.2248, 49.1431

Sweetspot

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



32.2299, 27.2261, 24.6758



76.4348, 75.9995, 79.6763



36.2740, 28.7278, 51.2103



16.1570, 15.9281, 16.5947



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.



32.2299, 27.2261, 24.6758



53.7671, 42.5129, 35.5919



35.8752, 34.9377, 24.5931



9.5544, 9.5461, 10.0427



14.1761, 7.3016, 0.9548



0.5639, 0.2895, 0.0828

Inverse Universe

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



32.2299, 27.2261, 24.6758



53.7671, 42.5129, 35.5919



30.4506, 33.6040, 52.4585



9.5544, 9.5461, 10.0427



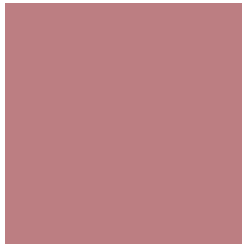
14.1761, 7.3016, 0.9548



0.5639, 0.2895, 0.0828

Previews

White Background



This preview shows how the XYZ color 32.2292, 27.2248, 24.6753 looks on a white background.

Color Contrast Check

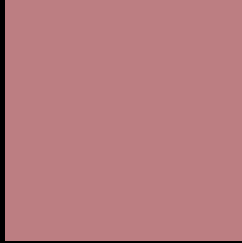
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2292, 27.2248, 24.6753 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 32.2292, 27.2248, 24.6753

Background



This preview shows how black text looks on a background with the XYZ color 32.2292, 27.2248, 24.6753.



This preview shows how white text looks on a background with the XYZ color 32.2292, 27.2248,

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

32.2292, 27.2248, 24.6753

Protanopia

26.1873, 27.3211, 28.3194

Deuteranopia

27.8851, 27.4169, 24.2444



Tritanopia

32.4458, 27.1079, 26.4439

Trichromacy



Original Color

32.2292, 27.2248, 24.6753

Protanomaly

27.9460, 26.9630, 27.0240

Deuteranomaly

29.2821, 27.2931, 24.4936

Tritanomaly

32.3063, 27.0521, 25.7091

Monochromacy



Original Color

32.2292, 27.2248, 24.6753

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.5200, 27.6475, 28.6443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2292, 27.2248, 24.6753 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(188, 126, 130)` looks like.

```
.text, #text, p{  
    color:rgb(188, 126, 130)  
}
```

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(188, 126, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 126, 130) }
```

Border

The CSS property to change the border of an element to XYZ 32.2292, 27.2248, 24.6753 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(188, 126, 130) }
```


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

```
.border{ border-color:rgb(188, 126, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 126, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 126, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 126, 130);  
box-shadow:4px 4px 4px 4px rgb(188, 126,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2292, 27.2248, 24.6753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 126, 130) }
```

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

```
.background{ background-color: rgb(188,  
126, 130) }
```

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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