

Converting Colors

XYZ(32.7637, 33.0332, 24.8882)

Have a look what the booklet for
XYZ(32.7637, 33.0332, 24.8882)
contains.

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Color

**XYZ(32.7382, 33.1027,
24.7427)**

Conversions

Conversions Part 1

Format	Color
Hex	AF987F
RGB	175, 152, 127
RGB Percent	69%, 60%, 50%
CMY	0.3137, 0.4039, 0.5020
CMYK	0.00, 0.13, 0.27, 0.31
HSL	31°, 23%, 59%
HSV	31°, 27%, 69%
XYZ	32.7382, 33.1027, 24.7427
YIQ	156.0270, 21.7330, -2.8990

Conversions

Conversions Part 2

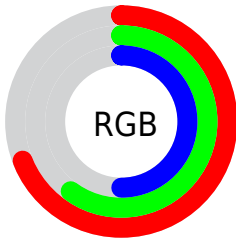
Format	Color
RYB	171, 175, 127
Decimal	11507839
CIELab	64.24, 4.61, 16.31
CIELCh	64, 16.944, 74.211
Yxy	33.1027, 0.3614, 0.3654
Android (android.graphics.Color)	4289697919 (0xFFAF987F)
YUV	156.0270, -14.3103, 16.6393
Hunter-Lab	57.5349, 0.8829, 14.7770

Details

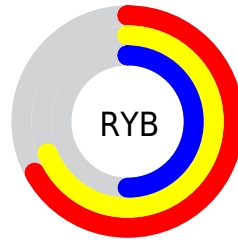
The XYZ color **32.7382, 33.1027, 24.7427** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **27.3965, 29.4192, 44.7921**, and the grayscale version is **31.6677, 33.3169, 36.2821**.

A 20% lighter version of the original color is **63.2645, 64.4268, 52.2812**, and **14.0549, 13.9950, 9.1683** is the 20% darker color. If you saturate the color by 10%, you get **30.3825, 30.0606, 18.8109**, and if you desaturate by 10%, it is **35.3900, 36.4195, 31.7514**.

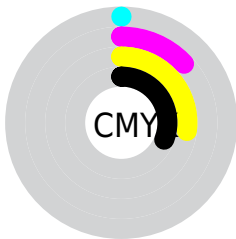
Distribution



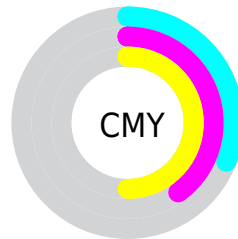
- Red (69%)
- Green (60%)
- Blue (50%)



- Red (67%)
- Yellow (69%)
- Blue (50%)



- Cyan (0%)
- Magenta (13%)
- Yellow (27%)
- Black (31%)





- Cyan (31%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7382, 33.1027, 24.7427 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 32.7382, 33.1027, 24.7427 by changing the saturation by 10% instead.


 32.7382, 33.1027,
24.7427


 32.7382, 33.1027,
24.7427


306.1543,
316.1122, 289.9607


 22.0842, 22.2051,
15.6682


 63.3240, 64.5358,
52.1984

 14.0358, 14.0077,
9.1379


 83.9865, 85.8402,
71.4167

 8.2274, 8.1260,
4.7332


 108.7160,
111.3823, 94.8534

 4.2938, 4.1757,
2.0356

137.8777,
141.5465, 122.9269

 1.8697, 1.7723,
0.5770

171.8370,
176.7172, 156.0559

 0.5591, 0.4698,
0.0000

210.9593,

 0.0000, 0.0000,

217.2788, 194.6588

0.0000

255.6100,
263.6157, 239.1542

■ 32.7382, 33.1027,
24.7427

■ 32.7382, 33.1027,
24.7427

■ 30.3825, 30.0606,
18.8109

■ 35.3900, 36.4195,
31.7514

■ 28.3080, 27.2806,
13.8992

■ 38.3467, 40.0141,
39.8855

■ 26.5025, 24.7557,
9.9490

■ 41.6199, 43.8953,
49.1933

■ 24.9515, 22.4767,
6.8944

■ 45.2199, 48.0700,
59.7194

■ 23.6388, 20.4337,
4.6615

■ 49.1562, 52.5450,
71.5061

■ 22.5460, 18.6157,
3.1640

■ 53.4382, 57.3267,
84.5938

■ 21.6460, 17.0080,
2.2713

■ 58.0747, 62.4213,
99.0210

■ 21.4339, 16.6233,
2.0789

■ 61.0811, 67.0376,
104.3280

■ 63.3249, 71.5252,
105.0759

Harmonies

Analogous

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



34.8953, 33.1027, 27.5751



32.7382, 33.1027, 24.7427



30.3416, 33.1027, 24.6693

Triad

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



32.7382, 33.1027, 24.7427



27.1900, 33.1027, 39.3929



34.7989, 33.1027, 46.3933

Complementary

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



32.7382, 33.1027, 24.7427



27.3965, 29.4192, 44.7921

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.



32.6120, 33.1027, 50.4655



32.7382, 33.1027, 24.7427



28.2637, 33.1027, 46.0886

Square

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



32.7382, 33.1027, 24.7427



27.2200, 33.1027, 32.5585



30.2216, 33.1027, 50.3474



36.1258, 33.1027, 39.7681

Rectangle

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



32.7382, 33.1027, 24.7427



28.9342, 33.1027, 26.1633



30.2216, 33.1027, 50.3474



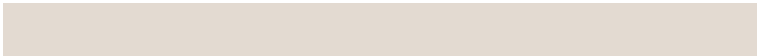
34.1352, 33.1027, 48.1416

Sweetspot

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



32.7391, 33.1042, 24.7434



68.2826, 71.1894, 70.3300



30.7900, 26.5016, 32.4316



14.9950, 15.6039, 15.1260



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.7391, 33.1042, 24.7434



55.9807, 55.8833, 37.5661



36.6611, 41.2141, 26.1020



8.3374, 8.6796, 8.4493



15.4114, 12.0283, 1.5094



0.4831, 0.4434, 0.0601

Inverse Universe

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



27.3965, 29.4192, 44.7921



44.7876, 48.1639, 79.5729



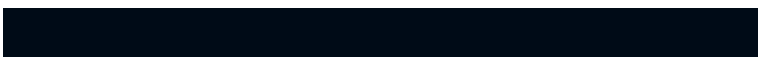
24.1997, 22.8481, 43.6923



7.8836, 8.3665, 10.1521



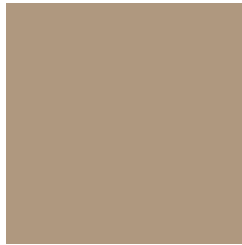
7.8639, 6.8616, 29.9545



0.2738, 0.3009, 0.8516

Previews

White Background



This preview shows how the XYZ color 32.7382, 33.1027, 24.7427 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.7382, 33.1027, 24.7427 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 ✓ Pass

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

XYZ 32.7382, 33.1027, 24.7427

Background



This preview shows how black text looks on a background with the XYZ color 32.7382, 33.1027, 24.7427.



This preview shows how white text looks on a background with the XYZ color 32.7382, 33.1027,

24.7427.

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

32.7382, 33.1027, 24.7427

Protanopia

31.3680, 33.3612, 25.5550

Deuteranopia

33.7932, 33.1688, 24.6998



Tritanopia

35.4383, 33.2667, 37.3542

Trichromacy



Original Color

32.7382, 33.1027, 24.7427

Protanomaly

31.9798, 33.4362, 25.1904

Deuteranomaly

33.4878, 33.2492, 24.7314

Tritanomaly

34.3740, 33.0665, 32.1745

Monochromacy



Original Color

32.7382, 33.1027, 24.7427

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.9364, 33.2736, 31.5273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7382, 33.1027, 24.7427 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(175, 152, 127)` looks like.

```
.text, #text, p{  
    color:rgb(175, 152, 127)  
}
```

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(175, 152, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 152, 127) }
```

Border

The CSS property to change the border of an element to XYZ 32.7382, 33.1027, 24.7427 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(175, 152, 127) }
```


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

```
.border{ border-color:rgb(175, 152, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 152, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 152, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 152, 127);  
box-shadow:4px 4px 4px 4px rgb(175, 152,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7382, 33.1027, 24.7427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 152, 127) }
```

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

```
.background{ background-color: rgb(175,  
152, 127) }
```

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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