

Converting Colors

XYZ(52.2424, 49.9927, 32.8827)

Have a look what the booklet for
XYZ(52.2424, 49.9927, 32.8827)
contains.

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Color

**XYZ(52.2424, 49.9927,
32.8827)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B28F
RGB	226, 178, 143
RGB Percent	89%, 70%, 56%
CMY	0.1137, 0.3019, 0.4392
CMYK	0.00, 0.21, 0.37, 0.11
HSL	25°, 59%, 72%
HSV	25°, 37%, 89%
XYZ	52.2424, 49.9927, 32.8827
YIQ	188.3620, 39.8430, -0.7090

Conversions

Conversions Part 2

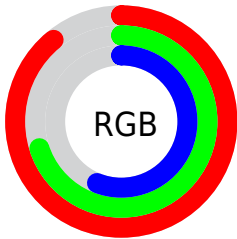
Format	Color
R _Y B	226, 204, 143
Decimal	14856847
CIE Lab	76.06, 12.74, 24.55
CIE LCh	76, 27.659, 62.568
Yxy	49.9927, 0.3866, 0.3700
Android (android.graphics.Color)	4293046927 (0xFFE2B28F)
YUV	188.3620, -22.3635, 33.0085
Hunter-Lab	70.7055, 8.1542, 21.9201

Details

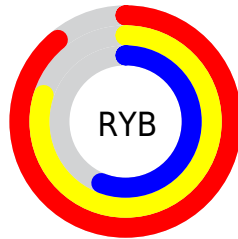
The XYZ color **52.2424, 49.9927, 32.8827** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.6854, 48.5907, 79.0282**, and the grayscale version is **48.1143, 50.6200, 55.1252**.

A 20% lighter version of the original color is **80.7409, 84.1369, 64.8079**, and **25.6276, 23.8750, 13.3828** is the 20% darker color. If you saturate the color by 10%, you get **48.2225, 44.4222, 23.9301**, and if you desaturate by 10%, it is **56.8576, 56.2014, 43.7363**.

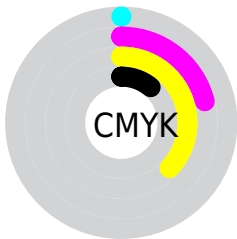
Distribution



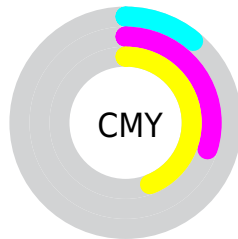
- Red (89%)
- Green (70%)
- Blue (56%)



- Red (89%)
- Yellow (80%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (37%)
- Black (11%)





- Cyan (11%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2424, 49.9927, 32.8827 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 52.2424, 49.9927, 32.8827 by changing the saturation by 10% instead.


 52.2424, 49.9927,
32.8827


 52.2424, 49.9927,
32.8827


385.6803,
386.6374, 329.7366

 37.4234, 35.4076,
21.7662

 92.6607, 90.1641,
65.3063

 25.7106, 23.9770,
13.4886


 118.9908,
116.5191, 87.4504

 16.7388, 15.3166,
7.6312


149.8885,
147.5663, 114.1075

 10.1426, 9.0419,
3.7755

185.7193,
183.6899, 145.6962

 5.5566, 4.7685,
1.5030

226.8485,
225.2745, 182.6348

 2.6155, 2.1121,
0.2202

273.6415,

 0.9538, 0.6714,

272.7043, 225.3421

0.0000

326.4637,
326.3638, 274.2365

■ 0.0000, 0.0000,
0.0000

■ 52.2424, 49.9927,
32.8827

■ 52.2424, 49.9927,
32.8827

■ 48.2225, 44.4222,
23.9301

■ 56.8576, 56.2014,
43.7363

■ 44.7662, 39.4607,
16.7634

■ 62.0898, 63.0620,
56.5907

■ 41.8447, 35.0869,
11.2598

■ 67.9645, 70.5968,
71.5422

■ 39.4241, 31.2752,
7.2791

■ 74.5044, 78.8247,
88.6799

■ 37.4660, 27.9976,
4.6578

■ 81.5692, 87.6990,
107.2362

■ 35.9230, 25.2216,
3.1875

■ 85.1741, 94.9088,
108.4378

■ 35.4847, 24.4099,
2.8413

Harmonies

Analogous

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



56.3913, 49.9927, 40.5081



52.2424, 49.9927, 32.8827



47.0728, 49.9927, 30.6684

Triad

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



52.2424, 49.9927, 32.8827



38.2660, 49.9927, 55.7185



53.0681, 49.9927, 82.1078

Complementary

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



52.2424, 49.9927, 32.8827



43.6854, 48.5907, 79.0282

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.



47.9631, 49.9927, 88.0953



52.2424, 49.9927, 32.8827



39.6255, 49.9927, 71.2325

Square

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



52.2424, 49.9927, 32.8827



39.2324, 49.9927, 42.3487



43.0847, 49.9927, 83.7962



56.8918, 49.9927, 68.6231

Rectangle

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



52.2424, 49.9927, 32.8827



43.8045, 49.9927, 32.1588



43.0847, 49.9927, 83.7962



51.4326, 49.9927, 85.1642

Sweetspot

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



52.2437, 49.9951, 32.8837



85.9003, 88.4075, 85.1738



50.6368, 39.5942, 54.5050



18.1606, 18.6335, 17.6567



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.2437, 49.9951, 32.8837



64.6221, 60.1158, 34.1048



61.6755, 68.8587, 36.0277



14.1800, 14.6459, 14.3864



20.3557, 14.1493, 1.6582



1.4981, 1.1551, 0.1440

Inverse Universe

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



43.6854, 48.5907, 79.0282



51.8211, 57.9979, 103.0712



35.9488, 33.1174, 76.4493



13.6070, 14.5531, 17.4796



12.5578, 12.5852, 42.8157



0.9585, 1.0484, 2.9971

Previews

White Background



This preview shows how the XYZ color 52.2424, 49.9927, 32.8827 looks on a white background.

Color Contrast Check

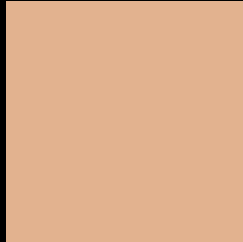
Large Text (above 18pt) WCAG AA × Fail

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 52.2424, 49.9927, 32.8827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

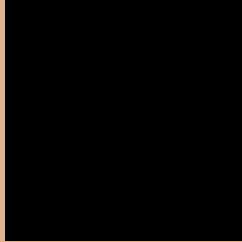
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2424, 49.9927, 32.8827

Background



This preview shows how black text looks on a background with the XYZ color 52.2424, 49.9927, 32.8827.



This preview shows how white text looks on a background with the XYZ color 52.2424, 49.9927,

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

52.2424, 49.9927, 32.8827

Protanopia

46.8562, 49.9266, 34.7710

Deuteranopia

51.0980, 49.9978, 32.9440



Tritanopia

56.1426, 49.8308, 52.5582

Trichromacy



Original Color

52.2424, 49.9927, 32.8827

Protanomaly

48.6233, 49.9116, 34.2653

Deuteranomaly

51.5095, 49.9113, 32.9056

Tritanomaly

54.7048, 49.8324, 44.7656

Monochromacy



Original Color

52.2424, 49.9927, 32.8827

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.9440, 49.8161, 46.0656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2424, 49.9927, 32.8827 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(226, 178, 143)` looks like.

```
.text, #text, p{  
    color:rgb(226, 178, 143)  
}
```

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(226, 178, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 178, 143) }
```

Border

The CSS property to change the border of an element to XYZ 52.2424, 49.9927, 32.8827 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(226, 178, 143) }
```


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

```
.border{ border-color:rgb(226, 178, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 178, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 178, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 178, 143);  
box-shadow:4px 4px 4px 4px rgb(226, 178,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2424, 49.9927, 32.8827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 178, 143) }
```

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

```
.background{ background-color: rgb(226,  
178, 143) }
```

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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