

Converting Colors

XYZ(32.2680, 31.4371, 27.2907)

Have a look what the booklet for
XYZ(32.2680, 31.4371, 27.2907)
contains.

XYZ(32.3313, 31.4210, 27.2825)	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(32.3313, 31.4210,
27.2825)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9287
RGB	175, 146, 135
RGB Percent	69%, 57%, 53%
CMY	0.3137, 0.4274, 0.4706
CMYK	0.00, 0.17, 0.23, 0.31
HSL	17°, 20%, 61%
HSV	17°, 23%, 69%
XYZ	32.3313, 31.4210, 27.2825
YIQ	153.4170, 20.8150, 2.7270

Conversions

Conversions Part 2

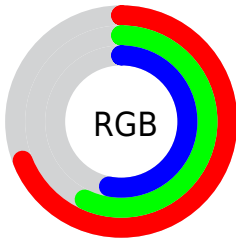
Format	Color
RYB	175, 150, 135
Decimal	11506311
CIELab	62.86, 9.11, 9.88
CIELCh	63, 13.441, 47.318
Yxy	31.4210, 0.3552, 0.3452
Android (android.graphics.Color)	4289696391 (0xFFAF9287)
YUV	153.4170, -9.0796, 18.9283
Hunter-Lab	56.0544, 4.8607, 10.3808

Details

The XYZ color **32.3313, 31.4210, 27.2825** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.0048, 34.7962, 45.6400**, and the grayscale version is **30.4927, 32.0807, 34.9359**.

A 20% lighter version of the original color is **62.6864, 61.9283, 56.2264**, and **13.7579, 12.9779, 10.3742** is the 20% darker color. If you saturate the color by 10%, you get **29.3509, 27.2725, 20.7017**, and if you desaturate by 10%, it is **35.7330, 36.0874, 35.0037**.

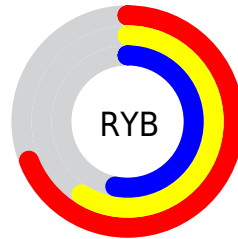
Distribution



Red (69%)

Green (57%)

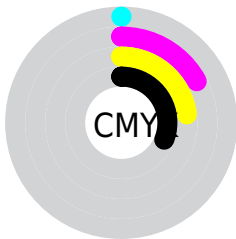
Blue (53%)



Red (69%)

Yellow (59%)

Blue (53%)

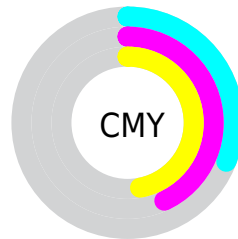


Cyan (0%)

Magenta (17%)

Yellow (23%)

Black (31%)



Cyan (31%)


Magenta (43%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3313, 31.4210, 27.2825 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 32.3313, 31.4210, 27.2825 by changing the saturation by 10% instead.


 32.3313, 31.4210,
27.2825


 32.3313, 31.4210,
27.2825


304.3442,
308.4732, 302.8257


 21.7714, 20.9196,
17.5512


 62.6918, 61.9023,
56.3461

 13.8047, 13.0653,
10.4622


 83.2232, 82.6510,
76.5155

 8.0658, 7.4735,
5.5969


 107.8091,
107.5843, 101.0013

 4.1892, 3.7600,
2.5367

136.8149,
137.0866, 130.2220

 1.8097, 1.5402,
0.8595

170.6059,
171.5422, 164.5963

 0.5235, 0.3168,
0.0000

209.5476,

 0.0000, 0.0000,

211.3356, 204.5427

0.0000

254.0052,
256.8511, 250.4796

■ 32.3313, 31.4210,
27.2825

■ 32.3313, 31.4210,
27.2825

■ 29.3509, 27.2725,
20.7017

■ 35.7330, 36.0874,
35.0037

■ 26.7724, 23.6196,
15.2048

■ 39.5693, 41.2846,
43.9141

■ 24.5783, 20.4446,
10.7337

■ 43.8563, 47.0304,
54.0619

■ 22.7492, 17.7270,
7.2238

■ 48.6082, 53.3404,
65.4923

■ 21.2633, 15.4448,
4.6030

■ 53.8388, 60.2295,
78.2480

■ 20.0968, 13.5740,
2.7892

■ 59.5612, 67.7122,
92.3699

■ 19.2219, 12.0880,
1.6842

■ 65.3825, 75.6403,
105.7618

■ 18.7420, 11.2394,
1.1816

■ 69.1411, 83.1576,
107.0146

■ 71.4893, 87.8540,
107.7974

Harmonies

Analogous

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



33.3760, 31.4210, 31.2799



32.3313, 31.4210, 27.2825



30.6492, 31.4210, 25.2377

Triad

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



32.3313, 31.4210, 27.2825



26.5401, 31.4210, 32.0328



30.9317, 31.4210, 44.8408

Complementary

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



32.3313, 31.4210, 27.2825



31.0048, 34.7962, 45.6400

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.



29.0937, 31.4210, 45.0957



32.3313, 31.4210, 27.2825



26.6088, 31.4210, 37.3221

Square

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



32.3313, 31.4210, 27.2825



27.3354, 31.4210, 27.7847



27.5269, 31.4210, 42.2258



32.5454, 31.4210, 41.5614

Rectangle

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



32.3313, 31.4210, 27.2825



29.4157, 31.4210, 25.1034



27.5269, 31.4210, 42.2258



30.3183, 31.4210, 45.2942

Sweetspot

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



32.3321, 31.4224, 27.2832



67.8396, 69.8511, 71.5768



33.0745, 29.1347, 39.1607



14.9892, 15.4048, 15.7021



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.



32.3321, 31.4224, 27.2832



55.3524, 52.7372, 43.1815



35.6284, 38.0150, 28.3819



8.1779, 8.3606, 8.3961



13.4670, 8.1395, 0.8613



0.4207, 0.3186, 0.0393

Inverse Universe

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



31.0048, 34.7962, 45.6400



52.5855, 59.7546, 81.3991



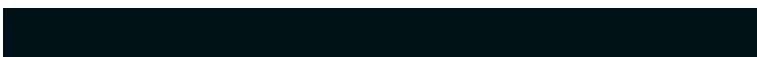
27.7538, 28.2941, 44.5563



8.0472, 8.6939, 10.2066



11.0168, 13.1675, 31.0054



0.3490, 0.4514, 0.8767

Previews

White Background



This preview shows how the XYZ color 32.3313, 31.4210, 27.2825 looks on a white background.

Color Contrast Check

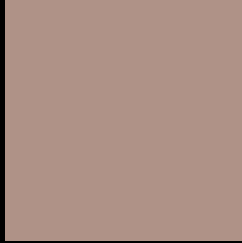
Large Text (above 18pt) WCAG AA × Fail

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 32.3313, 31.4210, 27.2825 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 32.3313, 31.4210, 27.2825

Background



This preview shows how black text looks on a background with the XYZ color 32.3313, 31.4210, 27.2825.



This preview shows how white text looks on a background with the XYZ color 32.3313, 31.4210,

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

32.3313, 31.4210, 27.2825

Protanopia

29.9162, 31.5606, 28.5598

Deuteranopia

32.0405, 31.5009, 27.3132



Tritanopia

33.7867, 31.3251, 34.8375

Trichromacy



Original Color

32.3313, 31.4210, 27.2825

Protanomaly

30.7315, 31.5113, 28.1295

Deuteranomaly

32.2625, 31.6154, 27.3236

Tritanomaly

33.1442, 31.2832, 31.8951

Monochromacy



Original Color

32.3313, 31.4210, 27.2825

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.7926, 31.4651, 31.6446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3313, 31.4210, 27.2825 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, 146, 135)` looks like.

```
.text, #text, p{  
    color:rgb(175, 146, 135)  
}
```

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, 146, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 146, 135) }
```

Border

The CSS property to change the border of an element to XYZ 32.3313, 31.4210, 27.2825 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, 146, 135) }
```


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

```
.border{ border-color:rgb(175, 146, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 146, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 146, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 146, 135);  
box-shadow:4px 4px 4px 4px rgb(175, 146,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3313, 31.4210, 27.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 146, 135) }
```

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

```
.background{ background-color: rgb(175,  
146, 135) }
```

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