

Converting Colors

XYZ(32.8564, 28.3232, 27.5677)

Have a look what the booklet for
XYZ(32.8564, 28.3232, 27.5677)
contains.

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Color

**XYZ(32.7477, 28.2105,
27.3861)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8289
RGB	186, 130, 137
RGB Percent	73%, 51%, 54%
CMY	0.2706, 0.4902, 0.4627
CMYK	0.00, 0.30, 0.26, 0.27
HSL	353°, 29%, 62%
HSV	353°, 30%, 73%
XYZ	32.7477, 28.2105, 27.3861
YIQ	147.5420, 31.1290, 14.0490

Conversions

Conversions Part 2

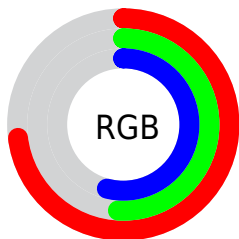
Format	Color
RYB	186, 130, 137
Decimal	12223113
CIELab	60.08, 22.60, 4.92
CIELCh	60, 23.129, 12.289
Yxy	28.2105, 0.3707, 0.3193
Android (android.graphics.Color)	4290413193 (0xFFBA8289)
YUV	147.5420, -5.1972, 33.7277
Hunter-Lab	53.1136, 17.1073, 6.6087

Details

The XYZ color **32.7477, 28.2105, 27.3861** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.9027, 43.1190, 49.1332**, and the grayscale version is **27.9702, 29.4269, 32.0458**.

A 20% lighter version of the original color is **63.1899, 56.6394, 56.3172**, and **14.1047, 11.3310, 10.4605** is the 20% darker color. If you saturate the color by 10%, you get **29.4128, 23.2703, 20.9422**, and if you desaturate by 10%, it is **36.7075, 34.1182, 34.9079**.

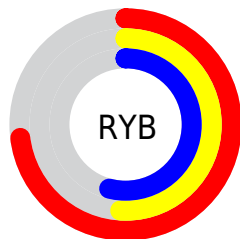
Distribution



Red (73%)

Green (51%)

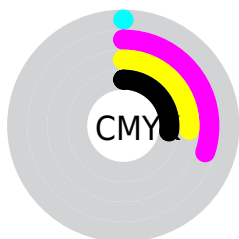
Blue (54%)



Red (73%)

Yellow (51%)

Blue (54%)

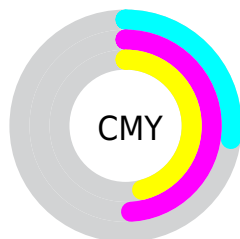


Cyan (0%)

Magenta (30%)

Yellow (26%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7477, 28.2105, 27.3861 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 32.7477, 28.2105, 27.3861 by changing the saturation by 10% instead.


 32.7477, 28.2105,
27.3861


 32.7477, 28.2105,
27.3861


306.1965,
293.4714, 303.3408


 22.0915, 18.4844,
17.6284


 63.3387, 56.8203,
56.5141

 14.0412, 11.2983,
10.5169


 84.0043, 76.4729,
76.7214

 8.2312, 6.2679,
5.6329


 108.7371,
100.2030, 101.2491

 4.2963, 3.0086,
2.5580

137.9025,
128.3951, 130.5156

 1.8711, 1.1362,
0.8707

171.8657,
161.4336, 164.9395

 0.5599, 0.0087,
0.0000

210.9922,

 0.0000, 0.0000,

199.7029, 204.9393

0.0000

255.6474,
243.5874, 250.9335

■ 32.7477, 28.2105,
27.3861

■ 32.7477, 28.2105,
27.3861

■ 29.4128, 23.2703,
20.9422

■ 36.7075, 34.1182,
34.9079

■ 26.6686, 19.2422,
15.5251

■ 41.3195, 41.0371,
43.5521

■ 24.4809, 16.0715,
11.0819

■ 46.6124, 49.0127,
53.3629

■ 22.8112, 13.6958,
7.5545

■ 52.6122, 58.0868,
64.3814

■ 21.6161, 12.0444,
4.8784

■ 59.3436, 68.2990,
76.6469

■ 20.8447, 11.0338,
2.9806

■ 66.8304, 79.6868,
90.1968

■ 20.4069, 10.5020,
1.7748

■ 73.4119, 88.9200,
104.5059

■ 74.0598, 89.1792,
107.9177

Harmonies

Analogous

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



32.5893, 28.2105, 35.9295



32.7477, 28.2105, 27.3861



31.2332, 28.2105, 21.0289

Triad

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



32.7477, 28.2105, 27.3861



23.1739, 28.2105, 20.1960



25.1240, 28.2105, 48.9408

Complementary

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



32.7477, 28.2105, 27.3861



34.9027, 43.1190, 49.1332

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.



22.8313, 28.2105, 42.9984



32.7477, 28.2105, 27.3861



21.7635, 28.2105, 26.0337

Square

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



32.7477, 28.2105, 27.3861



25.6237, 28.2105, 17.4182



21.6429, 28.2105, 34.3064



28.0391, 28.2105, 49.4855

Rectangle

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



32.7477, 28.2105, 27.3861



29.5390, 28.2105, 18.4600



21.6429, 28.2105, 34.3064



24.2605, 28.2105, 47.4642

Sweetspot

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



32.7485, 28.2118, 27.3867



75.7571, 75.6801, 80.5483



35.3292, 29.0400, 50.1978



16.3929, 16.2298, 17.1976



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.



32.7485, 28.2118, 27.3867



55.3089, 45.1284, 41.8413



35.2715, 34.0353, 25.8312



9.0491, 9.0300, 9.6058



13.7447, 7.0716, 1.2763



0.4995, 0.2553, 0.1236

Inverse Universe

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



32.7485, 28.2118, 27.3867



55.3089, 45.1284, 41.8413



31.6094, 35.3710, 51.6159



9.0491, 9.0300, 9.6058



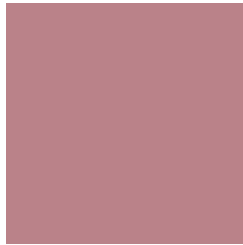
13.7447, 7.0716, 1.2763



0.4995, 0.2553, 0.1236

Previews

White Background



This preview shows how the XYZ color 32.7477, 28.2105, 27.3861 looks on a white background.

Color Contrast Check

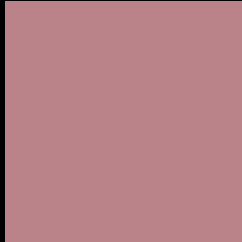
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7477, 28.2105, 27.3861 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 32.7477, 28.2105, 27.3861

Background



This preview shows how black text looks on a background with the XYZ color 32.7477, 28.2105, 27.3861.



This preview shows how white text looks on a background with the XYZ color 32.7477, 28.2105,

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

32.7477, 28.2105, 27.3861

Protanopia

27.2968, 28.2868, 30.8093

Deuteranopia

28.8555, 28.2920, 26.8617



Tritanopia

32.8925, 28.2684, 28.1488

Trichromacy



Original Color

32.7477, 28.2105, 27.3861

Protanomaly

29.0154, 28.0996, 29.4857

Deuteranomaly

30.0427, 28.0438, 27.1221

Tritanomaly

32.8198, 28.2393, 27.7657

Monochromacy



Original Color

32.7477, 28.2105, 27.3861

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.4592, 28.7448, 30.3812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7477, 28.2105, 27.3861 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(186, 130, 137)` looks like.

```
.text, #text, p{  
    color:rgb(186, 130, 137)  
}
```

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(186, 130, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 137) }
```

Border

The CSS property to change the border of an element to XYZ 32.7477, 28.2105, 27.3861 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(186, 130, 137) }
```


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

```
.border{ border-color:rgb(186, 130, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 130, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 130, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 130, 137);  
box-shadow:4px 4px 4px 4px rgb(186, 130,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7477, 28.2105, 27.3861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 130, 137) }
```

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

```
.background{ background-color: rgb(186,  
130, 137) }
```

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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