

Converting Colors

XYZ(32.7526, 27.5153, 30.6742)

Have a look what the booklet for
XYZ(32.7526, 27.5153, 30.6742)
contains.

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Color

**XYZ(32.7853, 27.5684,
30.7874)**

Conversions

Conversions Part 1

Format	Color
Hex	B97F92
RGB	185, 127, 146
RGB Percent	73%, 50%, 57%
CMY	0.2745, 0.5019, 0.4274
CMYK	0.00, 0.31, 0.21, 0.27
HSL	340°, 29%, 61%
HSV	340°, 31%, 73%
XYZ	32.7853, 27.5684, 30.7874
YIQ	146.5080, 28.4690, 18.2050

Conversions

Conversions Part 2

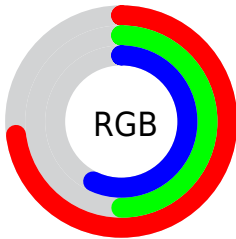
Format	Color
RYB	185, 127, 146
Decimal	12156818
CIELab	59.50, 25.24, -1.10
CIELCh	59, 25.265, 357.496
Yxy	27.5684, 0.3597, 0.3025
Android (android.graphics.Color)	4290346898 (0xFFB97F92)
YUV	146.5080, -0.2504, 33.7575
Hunter-Lab	52.5056, 19.5733, 1.9884

Details

The XYZ color **32.7853, 27.5684, 30.7874** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.9855, 41.9639, 42.4398**, and the grayscale version is **27.5237, 28.9571, 31.5343**.

A 20% lighter version of the original color is **63.3645, 55.6899, 62.0531**, and **14.1253, 10.9776, 12.4407** is the 20% darker color. If you saturate the color by 10%, you get **29.6961, 22.8552, 25.2402**, and if you desaturate by 10%, it is **36.4201, 33.2036, 37.0367**.

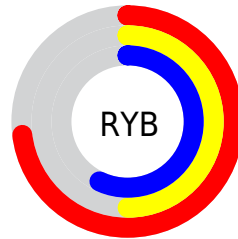
Distribution



Red (73%)

Green (50%)

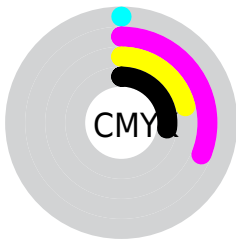
Blue (57%)



Red (73%)

Yellow (50%)

Blue (57%)

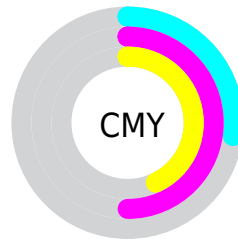


Cyan (0%)

Magenta (31%)

Yellow (21%)

Black (27%)



Cyan (27%)


Magenta (50%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7853, 27.5684, 30.7874 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 32.7853, 27.5684, 30.7874 by changing the saturation by 10% instead.


 32.7853, 27.5684,
30.7874


 32.7853, 27.5684,
30.7874


306.3633,
290.3988, 319.8785

 22.1205, 18.0006,
20.1799


 63.3971, 55.7946,
61.9808

 14.0625, 10.9504,
12.3405


 84.0748, 75.2218,
83.4039

 8.2462, 6.0335,
6.8507

 108.8208, 98.7042,
109.2692

 4.3060, 2.8655,
3.2919

138.0005,
126.6263, 139.9953

 1.8767, 1.0619,
1.2455

171.9793,
159.3724, 176.0007

 0.5632, 0.0000,
0.0165

211.1224,

 0.0000, 0.0000,

197.3269, 217.7040

0.0000

255.7953,
240.8742, 265.5238

■ 32.7853, 27.5684,
30.7874

■ 32.7853, 27.5684,
30.7874

■ 29.6961, 22.8552,
25.2402

■ 36.4201, 33.2036,
37.0367

■ 27.1228, 19.0109,
20.3677

■ 40.6235, 39.8028,
44.0107

■ 25.0363, 15.9825,
16.1431


■ 45.4201, 47.4098,
51.7330

■ 23.4034, 13.7099,
12.5369


■ 50.8323, 56.0647,
60.2256


■ 22.1866, 12.1244,
9.5171


■ 56.8814, 65.8054,
69.5095


 21.3419, 11.1446,
7.0479

 63.5875, 76.6679,
79.6050

 20.8392, 10.6469,
5.3147

 70.4877, 87.7224,
90.3710

 72.3294, 88.4590,
100.0690

 73.8177, 89.0544,
107.9063

Harmonies

Analogous

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



31.6943, 27.5684, 40.4232



32.7853, 27.5684, 30.7874



31.9980, 27.5684, 22.6492

Triad

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



32.7853, 27.5684, 30.7874



23.4850, 27.5684, 17.0292



23.0583, 27.5684, 47.3026

Complementary

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



32.7853, 27.5684, 30.7874



32.9855, 41.9639, 42.4398

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.



21.1536, 27.5684, 38.8317



32.7853, 27.5684, 30.7874



21.3856, 27.5684, 21.5706

Square

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



32.7853, 27.5684, 30.7874



26.4705, 27.5684, 15.7225



20.5664, 27.5684, 29.2602



25.9372, 27.5684, 51.0842

Rectangle

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



32.7853, 27.5684, 30.7874



30.5465, 27.5684, 18.8874



20.5664, 27.5684, 29.2602



22.2920, 27.5684, 44.8349

Sweetspot

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



32.7861, 27.5697, 30.7880



74.5547, 74.1283, 81.7511



32.0035, 26.7540, 49.3765



15.8163, 15.5757, 17.2073



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.7861, 27.5697, 30.7880



54.6009, 43.0782, 47.7932



32.7377, 29.6446, 24.0768



9.1227, 9.0594, 9.9933



14.2198, 7.2617, 3.7783



0.5306, 0.2677, 0.2875

Inverse Universe

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



32.7861, 27.5697, 30.7880



54.6009, 43.0782, 47.7932



32.9053, 38.8055, 51.6552



9.1227, 9.0594, 9.9933



14.2198, 7.2617, 3.7783



0.5306, 0.2677, 0.2875

Previews

White Background



This preview shows how the XYZ color 32.7853, 27.5684, 30.7874 looks on a white background.

Color Contrast Check

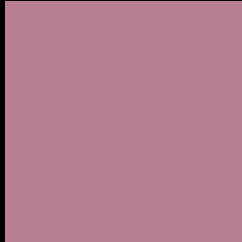
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7853, 27.5684, 30.7874 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 32.7853, 27.5684, 30.7874

Background



This preview shows how black text looks on a background with the XYZ color 32.7853, 27.5684, 30.7874.



This preview shows how white text looks on a background with the XYZ color 32.7853, 27.5684,

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

32.7853, 27.5684, 30.7874

Protanopia

27.0665, 27.8511, 34.9596

Deuteranopia

28.1713, 27.6470, 30.2372



Tritanopia

32.0738, 27.4637, 27.6553

Trichromacy



Original Color

32.7853, 27.5684, 30.7874

Protanomaly

28.7137, 27.4274, 33.4864

Deuteranomaly

29.7112, 27.5878, 30.5471

Tritanomaly

32.2941, 27.5518, 28.8152

Monochromacy



Original Color

32.7853, 27.5684, 30.7874

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.3425, 28.4398, 31.5467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7853, 27.5684, 30.7874 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(185, 127, 146)` looks like.

```
.text, #text, p{  
    color:rgb(185, 127, 146)  
}
```

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(185, 127, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 127, 146) }
```

Border

The CSS property to change the border of an element to XYZ 32.7853, 27.5684, 30.7874 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(185, 127, 146) }
```


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

```
.border{ border-color:rgb(185, 127, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 127, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 127, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 127, 146);  
box-shadow:4px 4px 4px 4px rgb(185, 127,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7853, 27.5684, 30.7874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 127, 146) }
```

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

```
.background{ background-color: rgb(185,  
127, 146) }
```

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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