

Converting Colors

XYZ(32.7732, 31.6096, 27.4781)

Have a look what the booklet for
XYZ(32.7732, 31.6096, 27.4781)
contains.

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Color

**XYZ(32.7835, 31.6541,
27.3037)**

Conversions

Conversions Part 1

Format	Color
Hex	B19287
RGB	177, 146, 135
RGB Percent	69%, 57%, 53%
CMY	0.3059, 0.4274, 0.4706
CMYK	0.00, 0.18, 0.24, 0.31
HSL	16°, 21%, 61%
HSV	16°, 24%, 69%
XYZ	32.7835, 31.6541, 27.3037
YIQ	154.0150, 22.0070, 3.1510

Conversions

Conversions Part 2

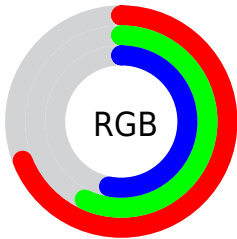
Format	Color
RYB	177, 150, 135
Decimal	11637383
CIELab	63.06, 9.89, 10.18
CIELCh	63, 14.198, 45.829
Yxy	31.6541, 0.3573, 0.3450
Android (android.graphics.Color)	4289827463 (0xFFB19287)
YUV	154.0150, -9.3744, 20.1578
Hunter-Lab	56.2620, 5.5524, 10.6102

Details

The XYZ color **32.7835, 31.6541, 27.3037** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.5635, 35.5968, 46.8024**, and the grayscale version is **30.7555, 32.3572, 35.2369**.

A 20% lighter version of the original color is **63.3356, 62.2630, 56.2568**, and **14.0441, 13.1254, 10.3876** is the 20% darker color. If you saturate the color by 10%, you get **29.7397, 27.3976, 20.6435**, and if you desaturate by 10%, it is **36.2664, 36.4566, 35.1332**.

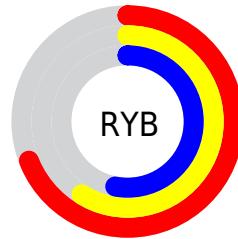
Distribution



Red (69%)

Green (57%)

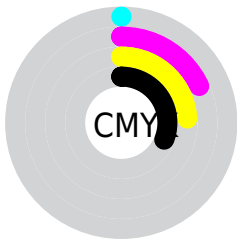
Blue (53%)



Red (69%)

Yellow (59%)

Blue (53%)

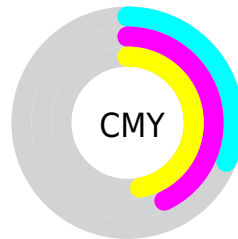


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (31%)



Cyan (31%)


Magenta (43%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7835, 31.6541, 27.3037 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 32.7835, 31.6541, 27.3037 by changing the saturation by 10% instead.


 32.7835, 31.6541,
27.3037


 32.7835, 31.6541,
27.3037

306.3553,
309.5405, 302.9312


 22.1191, 21.0974,
17.5670


 63.3943, 62.2684,
56.3805

 14.0615, 13.1952,
10.4733


 84.0714, 83.0949,
76.5576

 8.2455, 7.5631,
5.6042


 108.8168,
108.1134, 101.0520

 4.3055, 3.8167,
2.5411

137.9958,
137.7084, 130.2821

 1.8764, 1.5716,
0.8618

171.9738,
172.2641, 164.6666

 0.5631, 0.3383,
0.0000

211.1162,

 0.0000, 0.0000,

212.1652, 204.6239

0.0000

255.7882,
257.7958, 250.5725

■ 32.7835, 31.6541,
27.3037

■ 32.7835, 31.6541,
27.3037

■ 29.7397, 27.3976,
20.6435

■ 36.2664, 36.4566,
35.1332

■ 27.1144, 23.6633,
15.0940

■ 40.2026, 41.8193,
44.1826

■ 24.8892, 20.4318,
10.5949

■ 44.6090, 47.7611,
54.5020

■ 23.0434, 17.6811,
7.0788

■ 49.5007, 54.2991,
66.1379

■ 21.5540, 15.3872,
4.4709

■ 54.8921, 61.4492,
79.1348

■ 20.3955, 13.5241,
2.6850

■ 60.7973, 69.2269,
93.5348

■ 19.5381, 12.0627,
1.6182

■ 66.5947, 77.3935,
106.0363

■ 19.1231, 11.3302,
1.1791

■ 70.5252, 85.2544,
107.3464

■ 71.9415, 88.0872,
107.8185

Harmonies

Analogous

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



33.8513, 31.6541, 31.6109



32.7835, 31.6541, 27.3037



31.0164, 31.6541, 25.0426

Triad

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



32.7835, 31.6541, 27.3037



26.5854, 31.6541, 31.8959



31.1237, 31.6541, 45.9007

Complementary

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



32.7835, 31.6541, 27.3037



31.5635, 35.5968, 46.8024

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.



29.1750, 31.6541, 45.9984



32.7835, 31.6541, 27.3037



26.6113, 31.6541, 37.4879

Square

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



32.7835, 31.6541, 27.3037



27.4687, 31.6541, 27.4928



27.5412, 31.6541, 42.7825



32.8650, 31.6541, 42.5285

Rectangle

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



32.7835, 31.6541, 27.3037



29.7060, 31.6541, 24.8234



27.5412, 31.6541, 42.7825



30.4698, 31.6541, 46.3290

Sweetspot

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



32.7843, 31.6555, 27.3044



69.5175, 71.5248, 73.3824



33.7246, 29.4470, 40.2240



14.9765, 15.3794, 15.6979



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.



32.7843, 31.6555, 27.3044



56.0296, 52.9524, 42.9797



36.2322, 38.5512, 28.4536



8.6714, 8.8553, 8.9047



13.8985, 8.2955, 0.8687



0.4859, 0.3581, 0.0435

Inverse Universe

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



31.5635, 35.5968, 46.8024



53.4899, 61.1304, 83.4754



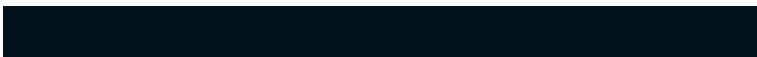
28.1299, 28.7296, 45.6579



8.5505, 9.2473, 10.8406



11.6456, 14.0916, 32.2432



0.4107, 0.5320, 1.0293

Previews

White Background



This preview shows how the XYZ color 32.7835, 31.6541, 27.3037 looks on a white background.

Color Contrast Check

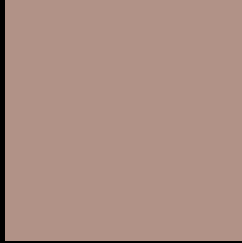
Large Text (above 18pt) WCAG AA × Fail

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 32.7835, 31.6541, 27.3037 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 32.7835, 31.6541, 27.3037

Background



This preview shows how black text looks on a background with the XYZ color 32.7835, 31.6541, 27.3037.



This preview shows how white text looks on a background with the XYZ color 32.7835, 31.6541,

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

32.7835, 31.6541, 27.3037

Protanopia

30.1138, 31.6624, 28.5690

Deuteranopia

32.2625, 31.6154, 27.3236



Tritanopia

34.2456, 31.5617, 34.8589

Trichromacy



Original Color

32.7835, 31.6541, 27.3037

Protanomaly

31.1476, 31.7258, 28.1490

Deuteranomaly

32.4861, 31.7307, 27.3341

Tritanomaly

33.5998, 31.5181, 31.9165

Monochromacy



Original Color

32.7835, 31.6541, 27.3037

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.2334, 31.9212, 32.1190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7835, 31.6541, 27.3037 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(177, 146, 135)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 146, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 146, 135) }
```

Border

The CSS property to change the border of an element to XYZ 32.7835, 31.6541, 27.3037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

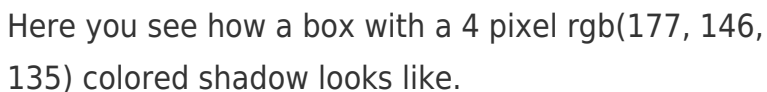
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 146, 135) }
```


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

```
.border{ border-color:rgb(177, 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(177, 146, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 146, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 146, 135); box-shadow:4px 4px 4px 4px rgb(177, 146, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7835, 31.6541, 27.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 146, 135) }
```

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

```
.background{ background-color: rgb(177,  
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](#).

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