

Converting Colors

XYZ(33.3979, 27.6938, 23.6409)

Have a look what the booklet for
XYZ(33.3979, 27.6938, 23.6409)
contains.

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Color

**XYZ(33.4125, 27.6689,
23.6583)**

Conversions

Conversions Part 1

Format	Color
Hex	C27D7F
RGB	194, 125, 127
RGB Percent	76%, 49%, 50%
CMY	0.2392, 0.5098, 0.5020
CMYK	0.00, 0.36, 0.35, 0.24
HSL	358°, 36%, 63%
HSV	358°, 36%, 76%
XYZ	33.4125, 27.6689, 23.6583
YIQ	145.8590, 40.4820, 15.2500

Conversions

Conversions Part 2

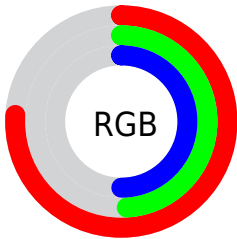
Format	Color
RYB	194, 125, 127
Decimal	12746111
CIELab	59.59, 27.07, 10.09
CIELCh	60, 28.886, 20.440
Yxy	27.6689, 0.3943, 0.3265
Android (android.graphics.Color)	4290936191 (0xFFC27D7F)
YUV	145.8590, -9.2975, 42.2197
Hunter-Lab	52.6012, 21.3317, 10.1542

Details

The XYZ color **33.4125, 27.6689, 23.6583** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **37.2649, 46.7499, 56.9312**, and the grayscale version is **27.2898, 28.7110, 31.2663**.

A 20% lighter version of the original color is **64.3035, 55.8315, 50.5674**, and **14.3725, 10.9855, 8.5706** is the 20% darker color. If you saturate the color by 10%, you get **30.0770, 22.7824, 17.0449**, and if you desaturate by 10%, it is **37.4587, 33.6092, 31.6418**.

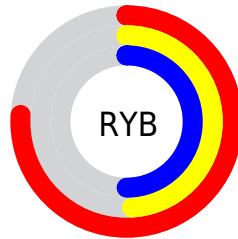
Distribution



Red (76%)

Green (49%)

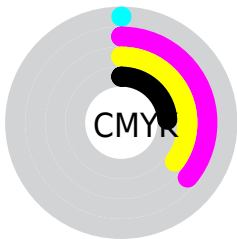
Blue (50%)



Red (76%)

Yellow (49%)

Blue (50%)

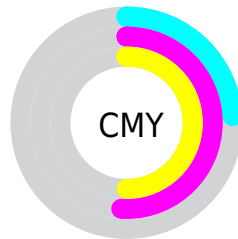


Cyan (0%)

Magenta (36%)

Yellow (35%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4125, 27.6689, 23.6583 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 33.4125, 27.6689, 23.6583 by changing the saturation by 10% instead.


 33.4125, 27.6689,
23.6583


 33.4125, 27.6689,
23.6583


309.1366,
290.8814, 284.3191


 22.6034, 18.0762,
14.8705


 64.3694, 55.9554,
50.4088

 14.4200, 11.0047,
8.5829

 85.2479, 75.4180,
69.2086

 8.4970, 6.0700,
4.3771


 110.2135, 98.9393,
92.1829

 4.4690, 2.8877,
1.8344

139.6317,
126.9039, 119.7500

 1.9708, 1.0734,
0.4505

173.8677,
159.6959, 152.3287

 0.6175, 0.0000,
0.0000

213.2870,

 0.0000, 0.0000,

197.7000, 190.3374

0.0000

258.2548,
241.3003, 234.1947

■ 33.4125, 27.6689,
23.6583

■ 33.4125, 27.6689,
23.6583

■ 30.0770, 22.7824,
17.0449

■ 37.4587, 33.6092,
31.6418

■ 27.4091, 18.8845,
11.7230

■ 42.2511, 40.6555,
41.0646

■ 25.3646, 15.9089,
7.6087

■ 47.8252, 48.8616,
51.9933

■ 23.8928, 13.7797,
4.6076

■ 54.2139, 58.2762,
64.4897

■ 22.9353, 12.4088,
2.6110

■ 61.4480, 68.9456,
78.6123

■ 22.4206, 11.6877,
1.4886

■ 69.5568, 80.9134,
94.4165

■ 22.2789, 11.4816,
1.2031

■ 76.0581, 90.2093,
108.0112

Harmonies

Analogous

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



33.8168, 27.6689, 33.5777



33.4125, 27.6689, 23.6583



31.0097, 27.6689, 17.1712

Triad

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



33.4125, 27.6689, 23.6583



21.2659, 27.6689, 19.0845



25.1538, 27.6689, 54.5136

Complementary

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



33.4125, 27.6689, 23.6583



37.2649, 46.7499, 56.9312

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.



22.0904, 27.6689, 48.3607



33.4125, 27.6689, 23.6583



19.9862, 27.6689, 26.9207

Square

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



33.4125, 27.6689, 23.6583



23.9305, 27.6689, 14.9841



20.2735, 27.6689, 37.6782



28.8177, 27.6689, 53.0668

Rectangle

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



33.4125, 27.6689, 23.6583



28.7105, 27.6689, 14.9181



20.2735, 27.6689, 37.6782



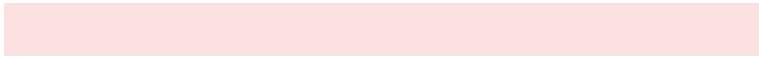
24.0255, 27.6689, 53.2204

Sweetspot

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



33.4132, 27.6702, 23.6588



80.8037, 79.9201, 82.7479



38.7342, 29.7310, 54.7360



17.3949, 17.0597, 17.5320



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.



33.4132, 27.6702, 23.6588



55.5350, 42.8025, 32.9534



38.0414, 37.1328, 24.5662



10.0847, 10.0825, 10.5368



14.6530, 7.5509, 0.8186



0.6373, 0.3279, 0.0572

Inverse Universe

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



33.4132, 27.6702, 23.6588



55.5350, 42.8025, 32.9534



31.0814, 34.0265, 55.9685



10.0847, 10.0825, 10.5368



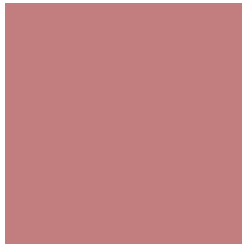
14.6530, 7.5509, 0.8186



0.6373, 0.3279, 0.0572

Previews

White Background



This preview shows how the XYZ color 33.4125, 27.6689, 23.6583 looks on a white background.

Color Contrast Check

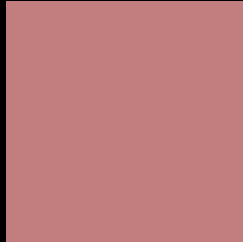
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4125, 27.6689, 23.6583 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 33.4125, 27.6689, 23.6583

Background



This preview shows how black text looks on a background with the XYZ color 33.4125, 27.6689, 23.6583.



This preview shows how white text looks on a background with the XYZ color 33.4125, 27.6689,

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

33.4125, 27.6689, 23.6583

Protanopia

26.5506, 27.7470, 27.6232

Deuteranopia

28.4513, 27.9452, 23.2965



Tritanopia

33.9470, 27.7109, 25.7498

Trichromacy



Original Color

33.4125, 27.6689, 23.6583

Protanomaly

28.5548, 27.3011, 25.9549

Deuteranomaly

30.1955, 27.7867, 23.5106

Tritanomaly

33.8101, 27.6561, 25.0289

Monochromacy



Original Color

33.4125, 27.6689, 23.6583

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.8529, 27.8276, 28.2766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4125, 27.6689, 23.6583 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(194, 125, 127)` looks like.

```
.text, #text, p{  
    color:rgb(194, 125, 127)  
}
```

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(194, 125, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 125, 127) }
```

Border

The CSS property to change the border of an element to XYZ 33.4125, 27.6689, 23.6583 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(194, 125, 127) }
```


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

```
.border{ border-color:rgb(194, 125, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 125, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 125, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 125, 127);  
box-shadow:4px 4px 4px 4px rgb(194, 125,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4125, 27.6689, 23.6583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 125, 127) }
```

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

```
.background{ background-color: rgb(194,  
125, 127) }
```

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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