

Converting Colors

XYZ(33.5425, 27.4858, 24.0505)

Have a look what the booklet for
XYZ(33.5425, 27.4858, 24.0505)
contains.

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Color

**XYZ(33.6096, 27.5759,
23.9733)**

Conversions

Conversions Part 1

Format	Color
Hex	C37C80
RGB	195, 124, 128
RGB Percent	76%, 49%, 50%
CMY	0.2353, 0.5137, 0.4980
CMYK	0.00, 0.36, 0.34, 0.24
HSL	357°, 37%, 63%
HSV	357°, 36%, 76%
XYZ	33.6096, 27.5759, 23.9733
YIQ	145.6850, 41.0320, 16.2960

Conversions

Conversions Part 2

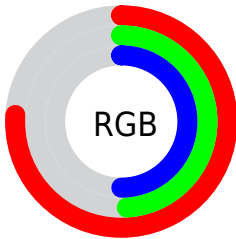
Format	Color
RYB	195, 124, 128
Decimal	12811392
CIELab	59.50, 28.13, 9.41
CIElCh	60, 29.658, 18.500
Yxy	27.5759, 0.3947, 0.3238
Android (android.graphics.Color)	4291001472 (0xFFC37C80)
YUV	145.6850, -8.7187, 43.2493
Hunter-Lab	52.5128, 22.3475, 9.6917

Details

The XYZ color **33.6096, 27.5759, 23.9733** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.2325, 47.0775, 56.4173**, and the grayscale version is **27.2161, 28.6335, 31.1819**.

A 20% lighter version of the original color is **64.5706, 55.6631, 51.0569**, and **14.5075, 10.9510, 8.7463** is the 20% darker color. If you saturate the color by 10%, you get **30.2997, 22.7218, 17.4262**, and if you desaturate by 10%, it is **37.6239, 33.4869, 31.8396**.

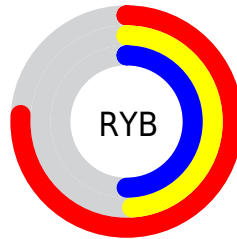
Distribution



Red (76%)

Green (49%)

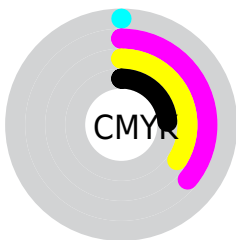
Blue (50%)



Red (76%)

Yellow (49%)

Blue (50%)

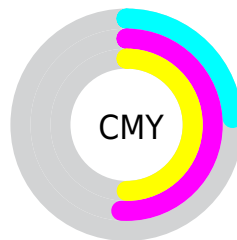


Cyan (0%)

Magenta (36%)

Yellow (34%)

Black (24%)



Cyan (24%)


Magenta (51%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6096, 27.5759, 23.9733 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 33.6096, 27.5759, 23.9733 by changing the saturation by 10% instead.


 33.6096, 27.5759,
23.9733


 33.6096, 27.5759,
23.9733


310.0044,
290.4348, 285.9677


 22.7553, 18.0062,
15.1018


 64.6744, 55.8066,
50.9299

 14.5326, 10.9544,
8.7434

 85.6157, 75.2365,
69.8521

 8.5762, 6.0362,
4.4797


 110.6500, 98.7218,
92.9616

 4.5207, 2.8671,
1.8920

140.1427,
126.6470, 120.6770

 2.0007, 1.0628,
0.4877

174.4591,
159.3965, 153.4167

 0.6344, 0.0000,
0.0000

213.9646,

 0.0000, 0.0000,

197.3548, 191.5994

0.0000

259.0246,
240.9061, 235.6435

■ 33.6096, 27.5759,
23.9733

■ 33.6096, 27.5759,
23.9733

■ 30.2997, 22.7218,
17.4262

■ 37.6239, 33.4869,
31.8396

■ 27.6514, 18.8586,
12.1246

■ 42.3777, 40.5079,
41.0900

■ 25.6209, 15.9193,
7.9898

■ 47.9063, 48.6929,
51.7873

■ 24.1580, 13.8265,
4.9339

■ 54.2421, 58.0915,
63.9898

■ 23.2046, 12.4908,
2.8561

■ 61.4158, 68.7502,
77.7526

■ 22.6876, 11.7965,
1.6358

■ 69.4564, 80.7133,
93.1282

■ 22.5660, 11.6262,
1.3706

■ 76.3157, 90.3421,
108.0232

Harmonies

Analogous

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



33.8776, 27.5759, 34.3057



33.6096, 27.5759, 23.9733



31.2507, 27.5759, 17.1290

Triad

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



33.6096, 27.5759, 23.9733



21.2013, 27.5759, 18.3767



24.8072, 27.5759, 54.9590

Complementary

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



33.6096, 27.5759, 23.9733



37.2325, 47.0775, 56.4173

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.



21.7429, 27.5759, 48.1671



33.6096, 27.5759, 23.9733



19.7967, 27.5759, 26.1170

Square

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



33.6096, 27.5759, 23.9733



24.0015, 27.5759, 14.4660



19.9851, 27.5759, 37.0191



28.5501, 27.5759, 53.9944

Rectangle

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



33.6096, 27.5759, 23.9733



28.9250, 27.5759, 14.6931



19.9851, 27.5759, 37.0191



23.6705, 27.5759, 53.4526

Sweetspot

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



33.6103, 27.5772, 23.9738



80.9079, 79.9618, 83.2966



38.3606, 29.3383, 55.2709



17.4200, 17.0697, 17.6644



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.



33.6103, 27.5772, 23.9738



55.2034, 42.0654, 33.0709



37.8272, 36.4236, 24.1072



10.0957, 10.0869, 10.5943



14.6770, 7.5606, 0.9454



0.6422, 0.3299, 0.0834

Inverse Universe

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



33.6103, 27.5772, 23.9738



55.2034, 42.0654, 33.0709



31.4809, 34.8609, 56.6994



10.0957, 10.0869, 10.5943



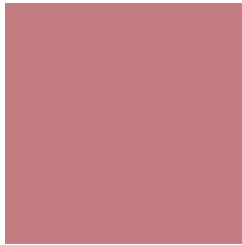
14.6770, 7.5606, 0.9454



0.6422, 0.3299, 0.0834

Previews

White Background



This preview shows how the XYZ color 33.6096, 27.5759, 23.9733 looks on a white background.

Color Contrast Check

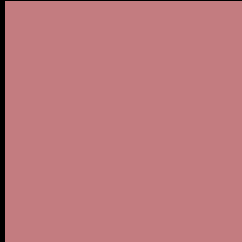
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.6096, 27.5759, 23.9733 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 33.6096, 27.5759, 23.9733

Background



This preview shows how black text looks on a background with the XYZ color 33.6096, 27.5759, 23.9733.



This preview shows how white text looks on a background with the XYZ color 33.6096, 27.5759,

23.9733.

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

33.6096, 27.5759, 23.9733

Protanopia

26.6226, 27.7758, 28.0029

Deuteranopia

28.1000, 27.5501, 23.2387



Tritanopia

33.8223, 27.4615, 25.7083

Trichromacy



Original Color

33.6096, 27.5759, 23.9733

Protanomaly

28.6243, 27.3289, 26.3206

Deuteranomaly

29.8326, 27.3954, 23.4542

Tritanomaly

33.6854, 27.4067, 24.9873

Monochromacy



Original Color

33.6096, 27.5759, 23.9733

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.0585, 27.9336, 28.2863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6096, 27.5759, 23.9733 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(195, 124, 128)` looks like.

```
.text, #text, p{  
    color:rgb(195, 124, 128)  
}
```

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(195, 124, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 124, 128) }
```

Border

The CSS property to change the border of an element to XYZ 33.6096, 27.5759, 23.9733 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(195, 124, 128) }
```


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

```
.border{ border-color:rgb(195, 124, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 124, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 124, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 124, 128);  
box-shadow:4px 4px 4px 4px rgb(195, 124,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6096, 27.5759, 23.9733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 124, 128) }
```

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

```
.background{ background-color: rgb(195,  
124, 128) }
```

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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