

Converting Colors

XYZ(34.3682, 27.5869, 23.9060)

Have a look what the booklet for
XYZ(34.3682, 27.5869, 23.9060)
contains.

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Color

**XYZ(34.4090, 27.6197,
23.9397)**

Conversions

Conversions Part 1

Format	Color
Hex	C77A80
RGB	199, 122, 128
RGB Percent	78%, 48%, 50%
CMY	0.2196, 0.5215, 0.4980
CMYK	0.00, 0.39, 0.36, 0.22
HSL	355°, 41%, 63%
HSV	355°, 39%, 78%
XYZ	34.4090, 27.6197, 23.9397
YIQ	145.7070, 43.9660, 18.1900

Conversions

Conversions Part 2

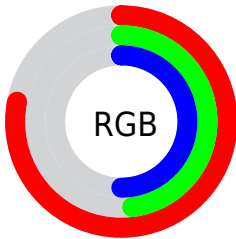
Format	Color
RYB	199, 122, 128
Decimal	13073024
CIELab	59.54, 30.73, 9.54
CIELCh	60, 32.180, 17.237
Yxy	27.6197, 0.4003, 0.3213
Android (android.graphics.Color)	4291263104 (0xFFC77A80)
YUV	145.7070, -8.7296, 46.7380
Hunter-Lab	52.5544, 24.8991, 9.7802

Details

The XYZ color **34.4090, 27.6197, 23.9397** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **38.0764, 48.8353, 57.8740**, and the grayscale version is **27.2244, 28.6422, 31.1913**.

A 20% lighter version of the original color is **64.9105, 55.2561, 50.9604**, and **15.0563, 11.0389, 8.7343** is the 20% darker color. If you saturate the color by 10%, you get **31.1104, 22.7838, 17.4103**, and if you desaturate by 10%, it is **38.4278, 33.5463, 31.7874**.

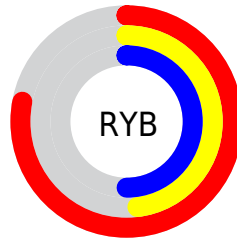
Distribution



Red (78%)

Green (48%)

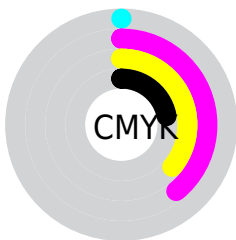
Blue (50%)



Red (78%)

Yellow (48%)

Blue (50%)

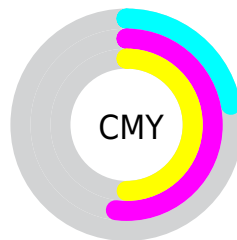


Cyan (0%)

Magenta (39%)

Yellow (36%)

Black (22%)



Cyan (22%)


Magenta (52%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4090, 27.6197, 23.9397 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 34.4090, 27.6197, 23.9397 by changing the saturation by 10% instead.


 34.4090, 27.6197,
23.9397


 34.4090, 27.6197,
23.9397


313.5059,
290.6452, 285.7922


 23.3724, 18.0392,
15.0771


 65.9093, 55.8767,
50.8744

 14.9909, 10.9781,
8.7263


 87.1036, 75.3220,
69.7835

 8.8993, 6.0521,
4.4687


 112.4146, 98.8243,
92.8787

 4.7321, 2.8768,
1.8858

142.2075,
126.7680, 120.5782

 2.1241, 1.0678,
0.4837

176.8477,
159.5376, 153.3009

 0.7023, 0.0000,
0.0000

216.7006,

 0.0000, 0.0000,

197.5174, 191.4650

0.0000

262.1315,
241.0918, 235.4893

■ 34.4090, 27.6197,
23.9397

■ 34.4090, 27.6197,
23.9397

■ 31.1104, 22.7838,
17.4103

■ 38.4278, 33.5463,
31.7874

■ 28.4873, 18.9683,
12.1254

■ 43.2037, 40.6200,
41.0185

■ 26.4934, 16.1010,
8.0061

■ 48.7735, 48.8985,
51.6959

■ 25.0756, 14.0990,
4.9640

■ 55.1713, 58.4343,
63.8780

■ 24.1721, 12.8643,
2.8981

■ 62.4288, 69.2765,
77.6201

■ 23.6898, 12.2420,
1.6823

■ 70.5764, 81.4721,
92.9744

■ 23.6430, 12.1780,
1.5752

■ 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



34.5977, 27.6197, 35.2711



34.4090, 27.6197, 23.9397



31.8987, 27.6197, 16.4972

Triad

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



34.4090, 27.6197, 23.9397



20.9421, 27.6197, 17.3356



24.5695, 27.6197, 57.4720

Complementary

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



34.4090, 27.6197, 23.9397



38.0764, 48.8353, 57.8740

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.



21.3139, 27.6197, 49.5860



34.4090, 27.6197, 23.9397



19.3690, 27.6197, 25.4127

Square

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



34.4090, 27.6197, 23.9397



24.0122, 27.6197, 13.4124



19.4977, 27.6197, 37.1738



28.6263, 27.6197, 56.7812

Rectangle

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



34.4090, 27.6197, 23.9397



29.3798, 27.6197, 13.8461



19.4977, 27.6197, 37.1738



23.3539, 27.6197, 55.6658

Sweetspot

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



34.4097, 27.6211, 23.9402



81.8385, 80.3206, 83.7061



39.1554, 29.3267, 57.6297



17.2367, 16.7756, 17.3800



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.



34.4097, 27.6211, 23.9402



55.5389, 41.4524, 32.6095



38.6363, 36.6872, 23.4591



10.6668, 10.6501, 11.2288



15.2160, 7.8360, 1.0815



0.7324, 0.3758, 0.1138

Inverse Universe

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



34.4097, 27.6211, 23.9402



55.5389, 41.4524, 32.6095



32.1395, 35.8692, 59.2623



10.6668, 10.6501, 11.2288



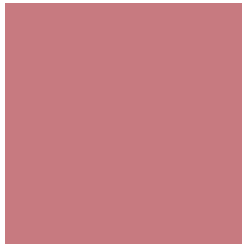
15.2160, 7.8360, 1.0815



0.7324, 0.3758, 0.1138

Previews

White Background



This preview shows how the XYZ color 34.4090, 27.6197, 23.9397 looks on a white background.

Color Contrast Check

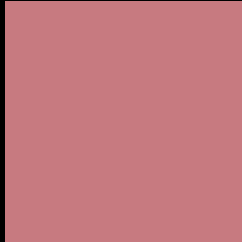
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.4090, 27.6197, 23.9397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

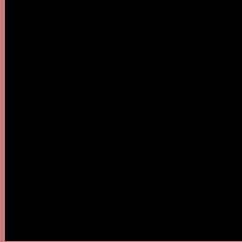
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4090, 27.6197, 23.9397

Background



This preview shows how black text looks on a background with the XYZ color 34.4090, 27.6197, 23.9397.



This preview shows how white text looks on a background with the XYZ color 34.4090, 27.6197,

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

34.4090, 27.6197, 23.9397

Protanopia

26.5153, 27.7120, 28.3776

Deuteranopia

28.1000, 27.5501, 23.2387



Tritanopia

34.6095, 27.6999, 24.9952

Trichromacy



Original Color

34.4090, 27.6197, 23.9397

Protanomaly

28.7630, 27.1842, 26.6528

Deuteranomaly

30.1486, 27.3560, 23.4299

Tritanomaly

34.5420, 27.6729, 24.6399

Monochromacy



Original Color

34.4090, 27.6197, 23.9397

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.1229, 27.7547, 28.2484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4090, 27.6197, 23.9397 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(199, 122, 128)` looks like.

```
.text, #text, p{  
    color:rgb(199, 122, 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(199, 122, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 122, 128) }
```

Border

The CSS property to change the border of an element to XYZ 34.4090, 27.6197, 23.9397 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(199, 122, 128) }
```


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

```
.border{ border-color:rgb(199, 122, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 122, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 122, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 122, 128); box-shadow:4px 4px 4px 4px rgb(199, 122, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4090, 27.6197, 23.9397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 122, 128) }
```

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

```
.background{ background-color: rgb(199,  
122, 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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