

Converting Colors

XYZ(34.3368, 28.7439, 23.0328)

Have a look what the booklet for
XYZ(34.3368, 28.7439, 23.0328)
contains.

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Color

**XYZ(34.4468, 28.7893,
23.1434)**

Conversions

Conversions Part 1

Format	Color
Hex	C5807D
RGB	197, 128, 125
RGB Percent	77%, 50%, 49%
CMY	0.2275, 0.4980, 0.5098
CMYK	0.00, 0.35, 0.37, 0.23
HSL	3°, 38%, 63%
HSV	3°, 37%, 77%
XYZ	34.4468, 28.7893, 23.1434
YIQ	148.2890, 42.0870, 13.6950

Conversions

Conversions Part 2

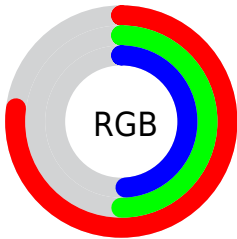
Format	Color
RYB	197, 128, 125
Decimal	12943485
CIELab	60.60, 26.33, 12.70
CIELCh	61, 29.236, 25.752
Yxy	28.7893, 0.3988, 0.3333
Android (android.graphics.Color)	4291133565 (0xFFC5807D)
YUV	148.2890, -11.4815, 42.7195
Hunter-Lab	53.6557, 20.6991, 11.9853

Details

The XYZ color **34.4468, 28.7893, 23.1434** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.8266, 46.9731, 59.8964**, and the grayscale version is **28.3038, 29.7778, 32.4280**.

A 20% lighter version of the original color is **65.7998, 57.5221, 49.7543**, and **15.0134, 11.6333, 8.2916** is the 20% darker color. If you saturate the color by 10%, you get **31.0735, 23.8609, 16.4137**, and if you desaturate by 10%, it is **38.5293, 34.7366, 31.3415**.

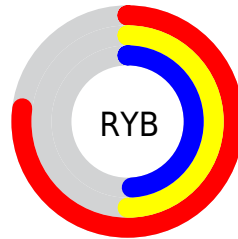
Distribution



Red (77%)

Green (50%)

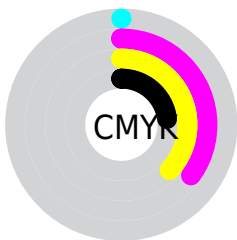
Blue (49%)



Red (77%)

Yellow (50%)

Blue (49%)

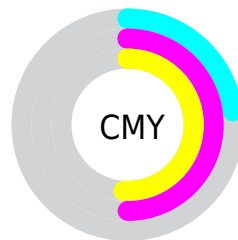


Cyan (0%)

Magenta (35%)

Yellow (37%)

Black (23%)



Cyan (23%)


Magenta (50%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4468, 28.7893, 23.1434 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 34.4468, 28.7893, 23.1434 by changing the saturation by 10% instead.


 34.4468, 28.7893,
23.1434


 34.4468, 28.7893,
23.1434


313.6707,
296.2195, 281.6064


 23.4016, 18.9215,
14.4931


 65.9676, 57.7422,
49.5549

 15.0126, 11.6136,
8.3218


 87.1738, 77.5960,
68.1531

 8.9146, 6.4811,
4.2108


 112.4978,
101.5473, 90.9045

 4.7422, 3.1398,
1.7417

142.3048,
129.9804, 118.2275

 2.1300, 1.2051,
0.3891

176.9602,
163.2798, 150.5406

 0.7054, 0.0659,
0.0000

216.8295,

 0.0000, 0.0000,

201.8299, 188.2625

0.0000

262.2779,
246.0150, 231.8115

■ 34.4468, 28.7893,
23.1434

■ 34.4468, 28.7893,
23.1434

■ 31.0735, 23.8609,
16.4137

■ 38.5293, 34.7366,
31.3415

■ 28.3669, 19.8902,
11.0641

■ 43.3560, 41.7509,
41.0858

■ 26.2833, 16.8163,
6.9996

■ 48.9619, 49.8824,
52.4507

■ 24.7732, 14.5694,
4.1121

■ 55.3795, 59.1770,
65.5052

■ 23.7792, 13.0693,
2.2762

■ 62.6394, 69.6779,
80.3145

■ 23.2304, 12.2195,
1.3295

■ 70.7703, 81.4261,
96.9401

■ 23.1152, 12.0488,
1.1073

■ 76.8360, 90.6103,
108.0476

Harmonies

Analogous

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



35.2718, 28.7893, 32.9141



34.4468, 28.7893, 23.1434



31.6616, 28.7893, 17.0947

Triad

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



34.4468, 28.7893, 23.1434



21.7836, 28.7893, 21.0295



26.8285, 28.7893, 57.0293

Complementary

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



34.4468, 28.7893, 23.1434



37.8266, 46.9731, 59.8964

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.



23.4729, 28.7893, 51.8971



34.4468, 28.7893, 23.1434



20.7353, 28.7893, 29.8298

Square

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



34.4468, 28.7893, 23.1434



24.3249, 28.7893, 16.0859



21.3243, 28.7893, 41.2900



30.6448, 28.7893, 54.0852

Rectangle

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



34.4468, 28.7893, 23.1434



29.1917, 28.7893, 15.1883



21.3243, 28.7893, 41.2900



25.6130, 28.7893, 56.1646

Sweetspot

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



34.4476, 28.7907, 23.1440



82.8748, 82.3563, 84.1653



40.1649, 30.4599, 55.1554



17.4441, 17.2005, 17.4179



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.



34.4476, 28.7907, 23.1440



56.6915, 44.2546, 31.4613



39.8961, 39.6879, 24.9602



10.6688, 10.7067, 11.0671



15.2192, 7.9555, 0.7334



0.7333, 0.4020, 0.0390

Inverse Universe

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



37.8266, 46.9731, 59.8964



63.6278, 81.6112, 107.0067



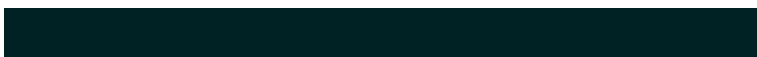
30.8652, 33.0504, 57.5760



10.9073, 11.9887, 13.6567



18.5829, 26.5598, 38.8915



0.8919, 1.2817, 1.8455

Previews

White Background



This preview shows how the XYZ color 34.4468, 28.7893, 23.1434 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 34.4468, 28.7893, 23.1434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

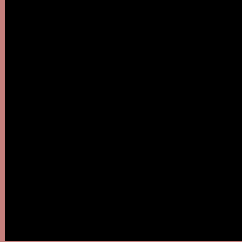
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.4468, 28.7893, 23.1434

Background



This preview shows how black text looks on a background with the XYZ color 34.4468, 28.7893, 23.1434.



This preview shows how white text looks on a background with the XYZ color 34.4468, 28.7893,

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

34.4468, 28.7893, 23.1434

Protanopia

27.5309, 28.9544, 26.6920

Deuteranopia

29.4622, 28.9148, 22.7672



Tritanopia

35.1935, 28.7050, 26.9783

Trichromacy



Original Color

34.4468, 28.7893, 23.1434

Protanomaly

29.4778, 28.4288, 25.4064

Deuteranomaly

31.0327, 28.6473, 22.9627

Tritanomaly

35.0429, 28.8505, 25.5515

Monochromacy



Original Color

34.4468, 28.7893, 23.1434

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.9844, 29.0502, 28.8378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4468, 28.7893, 23.1434 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(197, 128, 125)` looks like.

```
.text, #text, p{  
    color:rgb(197, 128, 125)  
}
```

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(197, 128, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 128, 125) }
```

Border

The CSS property to change the border of an element to XYZ 34.4468, 28.7893, 23.1434 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(197, 128, 125) }
```


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

```
.border{ border-color:rgb(197, 128, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 128, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 128, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 128, 125);  
box-shadow:4px 4px 4px 4px rgb(197, 128,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4468, 28.7893, 23.1434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 128, 125) }
```

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

```
.background{ background-color: rgb(197,  
128, 125) }
```

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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