

Converting Colors

XYZ(35.5248, 28.3826, 22.2797)

Have a look what the booklet for
XYZ(35.5248, 28.3826, 22.2797)
contains.

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Color

**XYZ(35.5599, 28.4333,
22.3529)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7B7B
RGB	204, 123, 123
RGB Percent	80%, 48%, 48%
CMY	0.2000, 0.5176, 0.5176
CMYK	0.00, 0.40, 0.40, 0.20
HSL	0°, 44%, 64%
HSV	0°, 40%, 80%
XYZ	35.5599, 28.4333, 22.3529
YIQ	147.2190, 48.2760, 17.1720

Conversions

Conversions Part 2

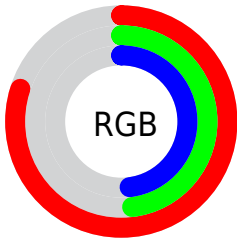
Format	Color
RYB	204, 123, 123
Decimal	13400955
CIELab	60.28, 31.50, 13.53
CIElCh	60, 34.281, 23.247
Yxy	28.4333, 0.4118, 0.3293
Android (android.graphics.Color)	4291591035 (0xFFCC7B7B)
YUV	147.2190, -11.9400, 49.7969
Hunter-Lab	53.3229, 25.7228, 12.4717

Details

The XYZ color **35.5599, 28.4333, 22.3529** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.6594, 51.7542, 64.9732**, and the grayscale version is **27.8583, 29.3091, 31.9176**.

A 20% lighter version of the original color is **64.5032, 55.4058, 47.8521**, and **15.6512, 11.4625, 7.8661** is the 20% darker color. If you saturate the color by 10%, you get **32.1412, 23.4310, 15.5559**, and if you desaturate by 10%, it is **39.7734, 34.5992, 30.7282**.

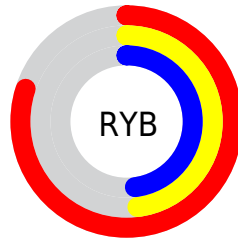
Distribution



Red (80%)

Green (48%)

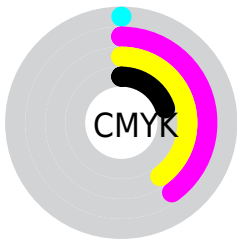
Blue (48%)



Red (80%)

Yellow (48%)

Blue (48%)

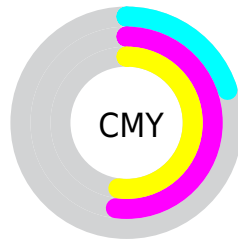


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (20%)



Cyan (20%)


Magenta (52%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5599, 28.4333, 22.3529 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 35.5599, 28.4333, 22.3529 by changing the saturation by 10% instead.


 35.5599, 28.4333,
22.3529


 35.5599, 28.4333,
22.3529


318.4977,
294.5316, 277.3971


 24.2630, 18.6525,
13.9156


 67.6806, 57.1755,
48.2382

 15.6546, 11.4195,
7.9239


 89.2351, 76.9057,
66.5234

 9.3694, 6.3497,
3.9592


 114.9395,
100.7212, 88.9282

 5.0419, 3.0589,
1.6030

145.1592,
129.0064, 115.8713

 2.3069, 1.1626,
0.2930

180.2595,
162.1456, 147.7712

 0.7982, 0.0308,
0.0000

220.6058,

 0.0000, 0.0000,

200.5233, 185.0465

0.0000

266.5634,
244.5238, 228.1156

■ 35.5599, 28.4333,
22.3529

■ 35.5599, 28.4333,
22.3529

■ 32.1412, 23.4310,
15.5559

■ 39.7734, 34.5992,
30.7282

■ 29.4654, 19.5156,
10.2367

■ 44.8249, 41.9910,
40.7704

■ 27.4781, 16.6075,
6.2862

■ 50.7571, 50.6715,
52.5633

■ 26.1163, 14.6146,
3.5791

■ 57.6091, 60.6978,
66.1849

■ 25.3055, 13.4282,
1.9677

■ 65.4177, 72.1240,
81.7083

■ 24.9117, 12.8519,
1.1849

■ 74.2177, 85.0007,
99.2026

■ 24.9019, 12.8376,
1.1654

■ 78.7118, 91.5773,
108.1354

Harmonies

Analogous

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



36.3189, 28.4333, 33.8940



35.5599, 28.4333, 22.3529



32.4053, 28.4333, 15.3307

Triad

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



35.5599, 28.4333, 22.3529



20.8020, 28.4333, 18.6147



26.0431, 28.4333, 61.7613

Complementary

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



35.5599, 28.4333, 22.3529



40.6594, 51.7542, 64.9732

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.



22.2758, 28.4333, 54.6897



35.5599, 28.4333, 22.3529



19.4695, 28.4333, 28.1986

Square

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



35.5599, 28.4333, 22.3529



23.8239, 28.4333, 13.6170



19.9783, 28.4333, 41.5314



30.5007, 28.4333, 58.9561

Rectangle

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



35.5599, 28.4333, 22.3529



29.5356, 28.4333, 13.0817



19.9783, 28.4333, 41.5314



24.6608, 28.4333, 60.4090

Sweetspot

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



35.5606, 28.4347, 22.3534



81.5126, 80.1910, 81.9880



42.8839, 31.3631, 60.9201



17.1608, 16.7454, 16.9798



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.



35.5606, 28.4347, 22.3534



53.7798, 39.6100, 26.8567



41.6632, 40.6399, 24.3876



11.2124, 11.2138, 11.6530



15.6736, 8.0802, 0.7335



0.8086, 0.4169, 0.0378

Inverse Universe

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



40.6594, 51.7542, 64.9732



63.4177, 83.6898, 107.4190



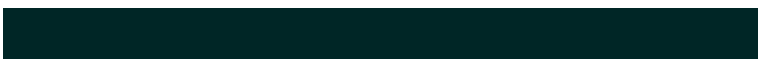
32.2538, 34.9431, 62.1713



11.5433, 12.7270, 14.4185



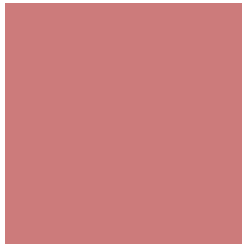
20.4492, 29.9224, 40.6541



1.0550, 1.5437, 2.0973

Previews

White Background



This preview shows how the XYZ color 35.5599, 28.4333, 22.3529 looks on a white background.

Color Contrast Check

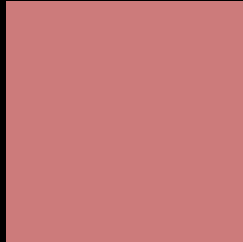
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5599, 28.4333, 22.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

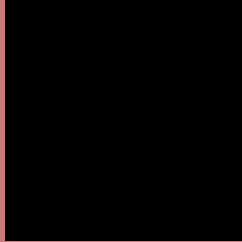
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.5599, 28.4333, 22.3529

Background



This preview shows how black text looks on a background with the XYZ color 35.5599, 28.4333, 22.3529.



This preview shows how white text looks on a background with the XYZ color 35.5599, 28.4333,

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

35.5599, 28.4333, 22.3529

Protanopia

27.1910, 28.5513, 26.6321

Deuteranopia

29.1304, 28.5472, 21.7441



Tritanopia

36.2331, 28.5369, 25.0712

Trichromacy



Original Color

35.5599, 28.4333, 22.3529

Protanomaly

29.5525, 28.0491, 24.9755

Deuteranomaly

31.2677, 28.3758, 21.9182

Tritanomaly

36.0327, 28.4567, 24.0156

Monochromacy



Original Color

35.5599, 28.4333, 22.3529

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.8244, 28.3368, 27.9424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5599, 28.4333, 22.3529 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(204, 123, 123)` looks like.

```
.text, #text, p{  
    color:rgb(204, 123, 123)  
}
```

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(204, 123, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 123, 123) }
```

Border

The CSS property to change the border of an element to XYZ 35.5599, 28.4333, 22.3529 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(204, 123, 123) }
```


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

```
.border{ border-color:rgb(204, 123, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 123, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 123, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 123, 123);  
box-shadow:4px 4px 4px 4px rgb(204, 123,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5599, 28.4333, 22.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 123, 123) }
```

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

```
.background{ background-color: rgb(204,  
123, 123) }
```

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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