

Converting Colors

XYZ(35.9589, 28.3965, 25.0588)

Have a look what the booklet for
XYZ(35.9589, 28.3965, 25.0588)
contains.

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Color

**XYZ(35.9581, 28.3951,
25.0583)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7A83
RGB	204, 122, 131
RGB Percent	80%, 48%, 51%
CMY	0.2000, 0.5215, 0.4863
CMYK	0.00, 0.40, 0.36, 0.20
HSL	353°, 45%, 64%
HSV	353°, 40%, 80%
XYZ	35.9581, 28.3951, 25.0583
YIQ	147.5440, 45.9830, 20.1830

Conversions

Conversions Part 2

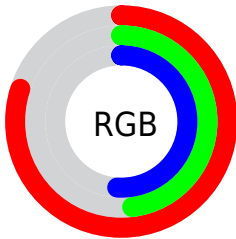
Format	Color
RYB	204, 122, 131
Decimal	13400707
CIELab	60.24, 32.99, 8.89
CIELCh	60, 34.163, 15.087
Yxy	28.3951, 0.4022, 0.3176
Android (android.graphics.Color)	4291590787 (0xFFCC7A83)
YUV	147.5440, -8.1562, 49.5119
Hunter-Lab	53.2871, 27.1994, 9.4197

Details

The XYZ color **35.9581, 28.3951, 25.0583** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **39.4706, 51.2641, 59.4472**, and the grayscale version is **27.9787, 29.4357, 32.0555**.

A 20% lighter version of the original color is **65.4171, 55.7714, 52.6645**, and **15.8089, 11.3187, 9.3342** is the 20% darker color. If you saturate the color by 10%, you get **32.5861, 23.4514, 18.3843**, and if you desaturate by 10%, it is **40.0731, 34.4794, 33.0451**.

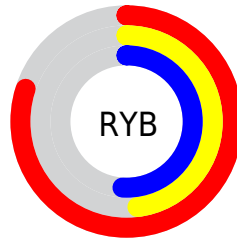
Distribution



Red (80%)

Green (48%)

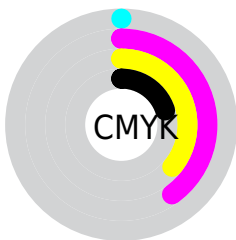
Blue (51%)



Red (80%)

Yellow (48%)

Blue (51%)

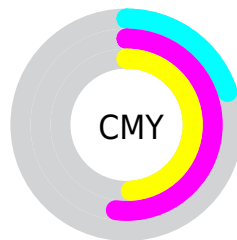


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (20%)



Cyan (20%)


Magenta (52%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9581, 28.3951, 25.0583 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 35.9581, 28.3951, 25.0583 by changing the saturation by 10% instead.


 35.9581, 28.3951,
25.0583


 35.9581, 28.3951,
25.0583

320.2118,
294.3501, 291.5851

 24.5718, 18.6237,
15.9011


 68.2917, 57.1146,
52.7171

 15.8853, 11.3987,
9.3006

 89.9697, 76.8315,
72.0557

 9.5334, 6.3357,
4.8383


 115.8089,
100.6324, 95.6253

 5.1506, 3.0502,
2.0956

146.1748,
128.9017, 123.8442

 2.3715, 1.1580,
0.6132

181.4327,
162.0236, 157.1311

 0.8309, 0.0270,
0.0000

221.9479,

 0.0000, 0.0000,

200.3828, 195.9046

0.0000

268.0858,
244.3635, 240.5830

■ 35.9581, 28.3951,
25.0583

■ 35.9581, 28.3951,
25.0583

■ 32.5861, 23.4514,
18.3843

■ 40.0731, 34.4794,
33.0451

■ 29.9105, 19.5732,
12.9512

■ 44.9697, 41.7648,
42.4081

■ 27.8827, 16.6831,
8.6823


■ 50.6862, 50.3126,
53.2087


■ 26.4471, 14.6915,
5.4920

■ 57.2581, 60.1786,
65.5039

■ 25.5384, 13.4924,
3.2828

■ 64.7185, 71.4154,
79.3479

 25.0504, 12.8968,
1.9475

 73.0988, 84.0727,
94.7918

 78.7119, 91.5774,
108.1354

Harmonies

Analogous

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



35.9661, 28.3951, 37.5450



35.9581, 28.3951, 25.0583



33.3779, 28.3951, 16.7961

Triad

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



35.9581, 28.3951, 25.0583



21.4563, 28.3951, 16.8305



24.8801, 28.3951, 60.5490

Complementary

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



35.9581, 28.3951, 25.0583



39.4706, 51.2641, 59.4472

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.



21.4718, 28.3951, 51.3220



35.9581, 28.3951, 25.0583



19.6452, 28.3951, 25.1197

Square

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



35.9581, 28.3951, 25.0583



24.8567, 28.3951, 12.9952



19.6506, 28.3951, 37.6253



29.2392, 28.3951, 60.5194

Rectangle

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



35.9581, 28.3951, 25.0583



30.6916, 28.3951, 13.8038



19.6506, 28.3951, 37.6253



23.5962, 28.3951, 58.3364

Sweetspot

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



35.9589, 28.3965, 25.0588



81.9732, 80.3745, 84.4155



40.2190, 29.8069, 60.7603



17.2682, 16.7881, 17.5454



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.



35.9589, 28.3965, 25.0588



54.7634, 40.0019, 32.0404



39.8779, 37.1684, 23.4865



11.2615, 11.2333, 11.9118



15.7842, 8.1243, 1.3164



0.8316, 0.4260, 0.1589

Inverse Universe

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



35.9589, 28.3965, 25.0588



54.7634, 40.0019, 32.0404



33.7869, 38.2196, 62.7232



11.2615, 11.2333, 11.9118



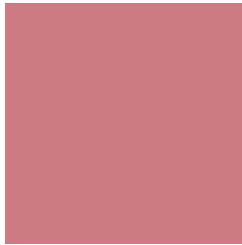
15.7842, 8.1243, 1.3164



0.8316, 0.4260, 0.1589

Previews

White Background



This preview shows how the XYZ color 35.9581, 28.3951, 25.0583 looks on a white background.

Color Contrast Check

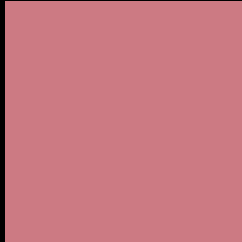
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9581, 28.3951, 25.0583 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 35.9581, 28.3951, 25.0583

Background



This preview shows how black text looks on a background with the XYZ color 35.9581, 28.3951, 25.0583.



This preview shows how white text looks on a background with the XYZ color 35.9581, 28.3951,

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

35.9581, 28.3951, 25.0583

Protanopia

27.4778, 28.6235, 30.0633

Deuteranopia

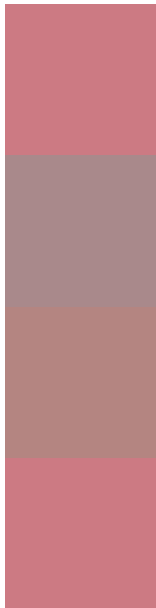
29.0003, 28.4217, 24.3795



Tritanopia

35.9581, 28.3951, 25.0583

Trichromacy



Original Color

35.9581, 28.3951, 25.0583

Protanomaly

29.9680, 28.1904, 28.2879

Deuteranomaly

31.1724, 28.0633, 24.5427

Tritanomaly

35.9581, 28.3951, 25.0583

Monochromacy



Original Color

35.9581, 28.3951, 25.0583

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.2636, 28.7431, 29.5441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9581, 28.3951, 25.0583 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, 122, 131)` looks like.

```
.text, #text, p{  
    color:rgb(204, 122, 131)  
}
```

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, 122, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 122, 131) }
```

Border

The CSS property to change the border of an element to XYZ 35.9581, 28.3951, 25.0583 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, 122, 131) }
```


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

```
.border{ border-color:rgb(204, 122, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 122, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 122, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 122, 131);  
box-shadow:4px 4px 4px 4px rgb(204, 122,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9581, 28.3951, 25.0583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 122, 131) }
```

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

```
.background{ background-color: rgb(204,  
122, 131) }
```

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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