

Converting Colors

XYZ(35.1755, 27.6593, 25.0349)

Have a look what the booklet for
XYZ(35.1755, 27.6593, 25.0349)
contains.

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Color

**XYZ(35.1703, 27.6282,
24.9518)**

Conversions

Conversions Part 1

Format	Color
Hex	CA7883
RGB	202, 120, 131
RGB Percent	79%, 47%, 51%
CMY	0.2078, 0.5294, 0.4863
CMYK	0.00, 0.41, 0.35, 0.21
HSL	352°, 44%, 63%
HSV	352°, 41%, 79%
XYZ	35.1703, 27.6282, 24.9518
YIQ	145.7720, 45.3410, 20.8050

Conversions

Conversions Part 2

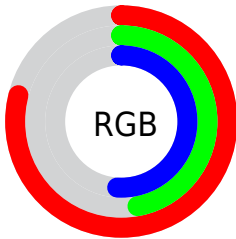
Format	Color
R _Y B	202, 120, 131
Decimal	13269123
CIE Lab	59.55, 33.31, 7.87
CIE LCh	60, 34.228, 13.296
Yxy	27.6282, 0.4008, 0.3149
Android (android.graphics.Color)	4291459203 (0xFFCA7883)
YUV	145.7720, -7.2826, 49.3120
Hunter-Lab	52.5625, 27.4523, 8.6484

Details

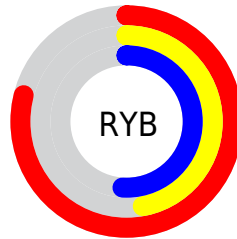
The XYZ color **35.1703, 27.6282, 24.9518** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **38.2715, 49.9963, 56.9261**, and the grayscale version is **27.2449, 28.6637, 31.2148**.

A 20% lighter version of the original color is **64.8353, 54.6078, 52.4706**, and **15.3282, 10.8852, 9.2758** is the 20% darker color. If you saturate the color by 10%, you get **31.9051, 22.8374, 18.5001**, and if you desaturate by 10%, it is **39.1496, 33.5266, 32.6295**.

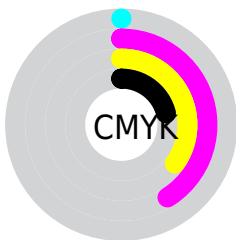
Distribution



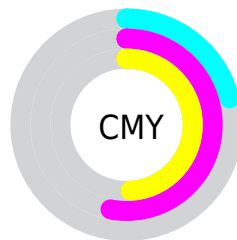
- Red (79%)
- Green (47%)
- Blue (51%)



- Red (79%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (41%)
- Yellow (35%)
- Black (21%)





- Cyan (21%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1703, 27.6282, 24.9518 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 35.1703, 27.6282, 24.9518 by changing the saturation by 10% instead.


 35.1703, 27.6282,
24.9518

 35.1703, 27.6282,
24.9518


316.8142,
290.6860, 291.0378


 23.9612, 18.0456,
15.8225


 67.0818, 55.8903,
52.5422

 15.4294, 10.9827,
9.2456


 88.5149, 75.3386,
71.8403

 9.2096, 6.0552,
4.8027


 114.0868, 98.8442,
95.3650

 4.9364, 2.8787,
2.0753

144.1627,
126.7915, 123.5350

 2.2443, 1.0687,
0.6010

179.1080,
159.5650, 156.7687

 0.7660, 0.0000,
0.0000

219.2882,

 0.0000, 0.0000,

197.5489, 195.4848

0.0000

265.0685,
241.1278, 240.1016

■ 35.1703, 27.6282,
24.9518

■ 35.1703, 27.6282,
24.9518

■ 31.9051, 22.8374,
18.5001

■ 39.1496, 33.5266,
32.6295

■ 29.3091, 19.0812,
13.2090

■ 43.8797, 40.5916,
41.5906

■ 27.3361, 16.2840,
9.0096


■ 49.3976, 48.8828,
51.8909


■ 25.9327, 14.3584,
5.8246


■ 55.7370, 58.4547,
63.5825


■ 25.0362, 13.2009,
3.5667

■ 62.9298, 69.3583,
76.7144

 24.5559, 12.6361,
2.1870

 71.0061, 81.6421,
91.3335

 77.9168, 91.1964,
106.7920

 78.1671, 91.2965,
108.1099

Harmonies

Analogous

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



35.0156, 27.6282, 37.4263



35.1703, 27.6282, 24.9518



32.7590, 27.6282, 16.5748

Triad

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



35.1703, 27.6282, 24.9518



20.9810, 27.6282, 15.9134



23.9510, 27.6282, 58.9911

Complementary

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



35.1703, 27.6282, 24.9518



38.2715, 49.9963, 56.9261

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.



20.6826, 27.6282, 49.4506



35.1703, 27.6282, 24.9518



19.1007, 27.6282, 23.7681

Square

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



35.1703, 27.6282, 24.9518



24.4012, 27.6282, 12.4029



18.9978, 27.6282, 35.8721



28.2104, 27.6282, 59.5649

Rectangle

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



35.1703, 27.6282, 24.9518



30.1593, 27.6282, 13.4818



18.9978, 27.6282, 35.8721



22.7118, 27.6282, 56.6284

Sweetspot

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



35.1710, 27.6296, 24.9523



82.0769, 80.4160, 84.9616



38.5383, 28.6072, 59.3676



17.2924, 16.7978, 17.6729



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.



35.1710, 27.6296, 24.9523



54.4805, 39.3390, 32.2455



38.4482, 35.3140, 22.5609



11.2726, 11.2378, 11.9699



15.8205, 8.1388, 1.5077



0.8367, 0.4281, 0.1858

Inverse Universe

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



35.1710, 27.6296, 24.9523



54.4805, 39.3390, 32.2455



33.4087, 38.2608, 61.5013



11.2726, 11.2378, 11.9699



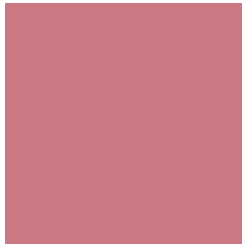
15.8205, 8.1388, 1.5077



0.8367, 0.4281, 0.1858

Previews

White Background



This preview shows how the XYZ color 35.1703, 27.6282, 24.9518 looks on a white background.

Color Contrast Check

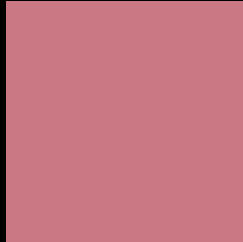
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1703, 27.6282, 24.9518 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 35.1703, 27.6282, 24.9518

Background



This preview shows how black text looks on a background with the XYZ color 35.1703, 27.6282, 24.9518.



This preview shows how white text looks on a background with the XYZ color 35.1703, 27.6282,

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

35.1703, 27.6282, 24.9518

Protanopia

26.7106, 27.7695, 30.3378

Deuteranopia

28.4387, 27.9163, 24.3116



Tritanopia

35.0360, 27.5745, 24.2447

Trichromacy



Original Color

35.1703, 27.6282, 24.9518

Protanomaly

29.0501, 27.2990, 28.1642

Deuteranomaly

30.5738, 27.5525, 24.4756

Tritanomaly

35.1029, 27.6012, 24.5965

Monochromacy



Original Color

35.1703, 27.6282, 24.9518

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.4793, 27.9214, 29.0349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1703, 27.6282, 24.9518 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(202, 120, 131)` looks like.

```
.text, #text, p{  
    color:rgb(202, 120, 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(202, 120, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 120, 131) }
```

Border

The CSS property to change the border of an element to XYZ 35.1703, 27.6282, 24.9518 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(202, 120, 131) }
```


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

```
.border{ border-color:rgb(202, 120, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 120, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 120, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 120, 131);  
box-shadow:4px 4px 4px 4px rgb(202, 120,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1703, 27.6282, 24.9518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 120, 131) }
```

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

```
.background{ background-color: rgb(202,  
120, 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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