

Converting Colors

XYZ(35.8801, 32.1302, 27.8355)

Have a look what the booklet for
XYZ(35.8801, 32.1302, 27.8355)
contains.

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Color

**XYZ(35.7785, 32.0624,
27.9698)**

Conversions

Conversions Part 1

Format	Color
Hex	C08D89
RGB	192, 141, 137
RGB Percent	75%, 55%, 54%
CMY	0.2471, 0.4470, 0.4627
CMYK	0.00, 0.27, 0.29, 0.25
HSL	4°, 30%, 65%
HSV	4°, 29%, 75%
XYZ	35.7785, 32.0624, 27.9698
YIQ	155.7930, 31.6800, 9.5680

Conversions

Conversions Part 2

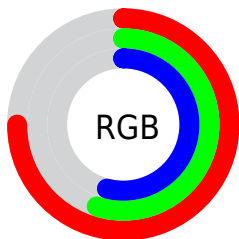
Format	Color
R _Y B	192, 141, 137
Decimal	12619145
CIE Lab	63.39, 18.80, 9.75
CIE LCh	63, 21.180, 27.408
Yxy	32.0624, 0.3734, 0.3346
Android (android.graphics.Color)	4290809225 (0xFFC08D89)
YUV	155.7930, -9.2649, 31.7535
Hunter-Lab	56.6237, 13.6964, 10.3497

Details

The XYZ color **35.7785, 32.0624, 27.9698** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.8136, 45.0891, 56.5795**, and the grayscale version is **31.5385, 33.1810, 36.1341**.

A 20% lighter version of the original color is **67.8763, 62.8877, 57.2763**, and **15.6930, 13.3188, 10.7605** is the 20% darker color. If you saturate the color by 10%, you get **32.1046, 26.7261, 20.5441**, and if you desaturate by 10%, it is **40.1211, 38.3437, 36.8283**.

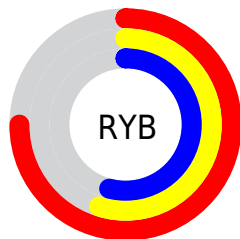
Distribution



Red (75%)

Green (55%)

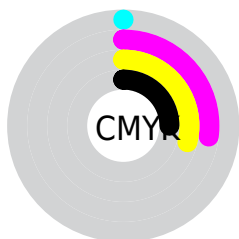
Blue (54%)



Red (75%)

Yellow (55%)

Blue (54%)

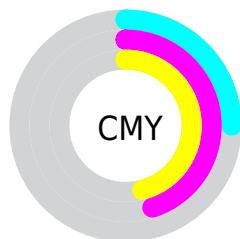


Cyan (0%)

Magenta (27%)

Yellow (29%)

Black (25%)



Cyan (25%)


Magenta (45%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7785, 32.0624, 27.9698 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 35.7785, 32.0624, 27.9698 by changing the saturation by 10% instead.


 35.7785, 32.0624,
27.9698


 35.7785, 32.0624,
27.9698

319.4395,
311.4034, 306.2300


 24.4325, 21.4092,
18.0641


 68.0162, 62.9089,
57.4587

 15.7812, 13.4234,
10.8261


 89.6385, 83.8710,
77.8790

 9.4593, 7.7208,
5.8373


 115.4170,
109.0381, 102.6412

 5.1015, 3.9168,
2.6792

145.7171,
138.7946, 132.1639

 2.3423, 1.6271,
0.9329

180.9040,
173.5251, 166.8655

 0.8162, 0.3758,
0.0000

221.3431,

 0.0000, 0.0000,

213.6137, 207.1648

0.0000

267.3999,
259.4451, 253.4801

■ 35.7785, 32.0624,
27.9698

■ 35.7785, 32.0624,
27.9698

■ 32.1046, 26.7261,
20.5441

■ 40.1211, 38.3437,
36.8283

■ 29.0639, 22.2847,
14.4741

■ 45.1608, 45.6077,
47.1872

■ 26.6211, 18.6905,
9.6784

■ 50.9271, 53.8957,
59.1124

■ 24.7367, 15.8897,
6.0661

■ 57.4475, 63.2454,
72.6650

■ 23.3663, 13.8220,
3.5343

■ 64.7478, 73.6925,
87.9031

■ 22.4587, 12.4187,
1.9624

■ 72.8526, 85.2708,
104.8819

■ 21.9437, 11.5944,
1.1561

■ 75.5483, 89.9465,
107.9873

■ 21.8951, 11.5200,
1.0696

Harmonies

Analogous

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



36.4835, 32.0624, 35.6485



35.7785, 32.0624, 27.9698



33.6249, 32.0624, 22.9601

Triad

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



35.7785, 32.0624, 27.9698



25.9514, 32.0624, 26.8890



30.2192, 32.0624, 53.7298

Complementary

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



35.7785, 32.0624, 27.9698



37.8136, 45.0891, 56.5795

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.



27.5270, 32.0624, 50.4206



35.7785, 32.0624, 27.9698



25.1642, 32.0624, 34.1827

Square

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



35.7785, 32.0624, 27.9698



27.9433, 32.0624, 22.4102



25.7222, 32.0624, 42.9138



33.1539, 32.0624, 51.3628

Rectangle

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



35.7785, 32.0624, 27.9698



31.7246, 32.0624, 21.3635



25.7222, 32.0624, 42.9138



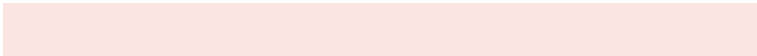
29.2574, 32.0624, 53.2338

Sweetspot

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



35.7794, 32.0639, 27.9704



81.3423, 81.9385, 84.4979



39.7973, 32.7434, 51.9884



17.1477, 17.1423, 17.5033



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.7794, 32.0639, 27.9704



60.7595, 52.1908, 42.4373



40.2873, 41.0798, 29.4731



10.1308, 10.1930, 10.4954



14.7553, 7.7964, 0.7272



0.6582, 0.3782, 0.0383

Inverse Universe

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



37.8136, 45.0891, 56.5795



65.0078, 79.4177, 102.2632



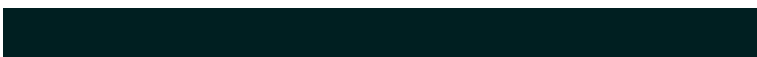
32.5470, 34.5560, 54.8240



10.3038, 11.2989, 12.9227



17.1424, 24.0414, 37.2936



0.7598, 1.0769, 1.6177

Previews

White Background



This preview shows how the XYZ color 35.7785, 32.0624, 27.9698 looks on a white background.

Color Contrast Check

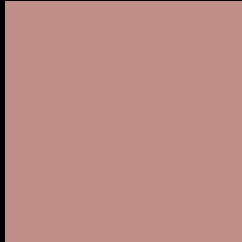
Large Text (above 18pt) WCAG AA × Fail

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 35.7785, 32.0624, 27.9698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

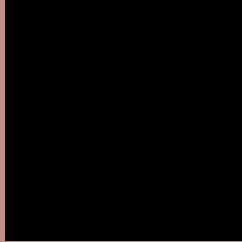
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7785, 32.0624, 27.9698

Background



This preview shows how black text looks on a background with the XYZ color 35.7785, 32.0624, 27.9698.



This preview shows how white text looks on a background with the XYZ color 35.7785, 32.0624,

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

35.7785, 32.0624, 27.9698

Protanopia

30.6472, 32.1366, 30.5743

Deuteranopia

32.7130, 32.0713, 27.7588



Tritanopia

36.7300, 32.0047, 33.0958

Trichromacy



Original Color

35.7785, 32.0624, 27.9698

Protanomaly

32.3498, 32.0759, 29.6856

Deuteranomaly

33.6254, 31.8521, 27.6684

Tritanomaly

36.4812, 32.1380, 31.0685

Monochromacy



Original Color

35.7785, 32.0624, 27.9698

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.8536, 32.7382, 33.0213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7785, 32.0624, 27.9698 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(192, 141, 137)` looks like.

```
.text, #text, p{  
    color:rgb(192, 141, 137)  
}
```

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(192, 141, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 141, 137) }
```

Border

The CSS property to change the border of an element to XYZ 35.7785, 32.0624, 27.9698 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(192, 141, 137) }
```


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

```
.border{ border-color:rgb(192, 141, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 141, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 141, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 141, 137); box-shadow:4px 4px 4px 4px rgb(192, 141, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7785, 32.0624, 27.9698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 141, 137) }
```

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

```
.background{ background-color: rgb(192,  
141, 137) }
```

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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