

Converting Colors

XYZ(34.4604, 27.8575, 22.2268)

Have a look what the booklet for
XYZ(34.4604, 27.8575, 22.2268)
contains.

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Color

**XYZ(34.4775, 27.8753,
22.3022)**

Conversions

Conversions Part 1

Format	Color
Hex	C87B7B
RGB	200, 123, 123
RGB Percent	78%, 48%, 48%
CMY	0.2157, 0.5176, 0.5176
CMYK	0.00, 0.38, 0.38, 0.22
HSL	0°, 41%, 63%
HSV	0°, 38%, 78%
XYZ	34.4775, 27.8753, 22.3022
YIQ	146.0230, 45.8920, 16.3240

Conversions

Conversions Part 2

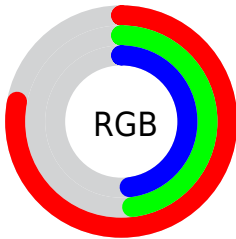
Format	Color
R_{YB}	200, 123, 123
Decimal	13138811
CIE _{Lab}	59.78, 29.97, 12.75
CIE _{LCh}	60, 32.571, 23.053
Yxy	27.8753, 0.4073, 0.3293
Android (android.graphics.Color)	4291328891 (0xFFC87B7B)
YUV	146.0230, -11.3503, 47.3378
Hunter-Lab	52.7971, 24.1691, 11.9130

Details

The XYZ color **34.4775, 27.8753, 22.3022** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.2471, 49.6876, 62.1657**, and the grayscale version is **27.3636, 28.7886, 31.3508**.

A 20% lighter version of the original color is **64.5032, 55.4058, 47.8521**, and **15.1202, 11.1888, 7.8413** is the 20% darker color. If you saturate the color by 10%, you get **31.1185, 22.9604, 15.6239**, and if you desaturate by 10%, it is **38.6005, 33.9087, 30.4975**.

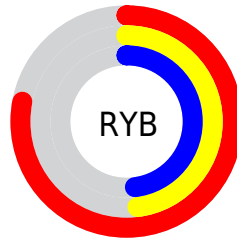
Distribution



Red (78%)

Green (48%)

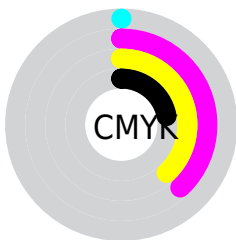
Blue (48%)



Red (78%)

Yellow (48%)

Blue (48%)

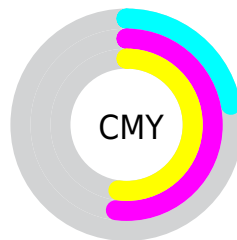


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (22%)



Cyan (22%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4775, 27.8753, 22.3022 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 34.4775, 27.8753, 22.3022 by changing the saturation by 10% instead.


 34.4775, 27.8753,
22.3022


 34.4775, 27.8753,
22.3022


313.8046,
291.8706, 277.1252


 23.4253, 18.2317,
13.8787


 66.0149, 56.2853,
48.1535

 15.0303, 11.1164,
7.8986


 87.2308, 75.8205,
66.4184

 8.9271, 6.1452,
3.9433


 112.5653, 99.4216,
88.8009

 4.7504, 2.9336,
1.5943

142.3838,
127.4731, 115.7194

 2.1348, 1.0972,
0.2867

177.0516,
160.3593, 147.5926

 0.7080, 0.0000,
0.0000

216.9341,

 0.0000, 0.0000,

198.4647, 184.8389

0.0000

262.3967,
242.1737, 227.8769

■ 34.4775, 27.8753,
22.3022

■ 34.4775, 27.8753,
22.3022

■ 31.1185, 22.9604,
15.6239

■ 38.6005, 33.9087,
30.4975

■ 28.4746, 19.0916,
10.3681

■ 43.5281, 41.1192,
40.2934

■ 26.4946, 16.1942,
6.4321

■ 49.3006, 49.5660,
51.7690

■ 25.1197, 14.1822,
3.6991

■ 55.9551, 59.3034,
64.9980

■ 24.2807, 12.9544,
2.0314

■ 63.5264, 70.3823,
80.0496

■ 23.8685, 12.3513,
1.2122

■ 72.0473, 82.8507,
96.9892

■ 23.8195, 12.2796,
1.1148

■ 77.6294, 91.0194,
108.0847

Harmonies

Analogous

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



35.1671, 27.8753, 33.1808



34.4775, 27.8753, 22.3022



31.5502, 27.8753, 15.5844

Triad

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



34.4775, 27.8753, 22.3022



20.6516, 27.8753, 18.6495



25.5474, 27.8753, 58.9209

Complementary

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



34.4775, 27.8753, 22.3022



39.2471, 49.6876, 62.1657

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.



22.0103, 27.8753, 52.3474



34.4775, 27.8753, 22.3022



19.3798, 27.8753, 27.6877

Square

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



34.4775, 27.8753, 22.3022



23.5106, 27.8753, 13.8893



19.8502, 27.8753, 40.1362



29.7211, 27.8753, 56.3963

Rectangle

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



34.4775, 27.8753, 22.3022



28.8729, 27.8753, 13.4040



19.8502, 27.8753, 40.1362



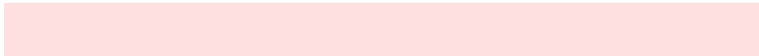
24.2507, 27.8753, 57.6554

Sweetspot

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



34.4782, 27.8767, 22.3027



81.5126, 80.1911, 81.9880



41.3278, 30.6156, 58.3747



17.1609, 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.



34.4782, 27.8767, 22.3027



54.8522, 41.1792, 28.9884



40.2271, 39.3744, 24.2190



10.6339, 10.6370, 11.0554



15.1453, 7.8079, 0.7088



0.7171, 0.3697, 0.0336

Inverse Universe

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



39.2471, 49.6876, 62.1657



64.2395, 84.1135, 107.4575



31.4263, 34.0462, 59.5588



10.9467, 12.0675, 13.6698



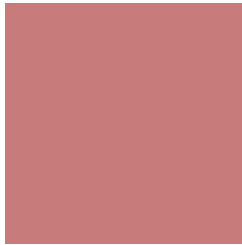
19.7599, 28.9137, 39.2838



0.9356, 1.3691, 1.8601

Previews

White Background



This preview shows how the XYZ color 34.4775, 27.8753, 22.3022 looks on a white background.

Color Contrast Check

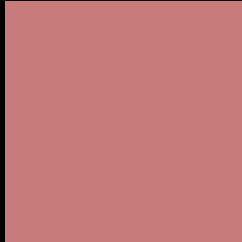
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.4775, 27.8753, 22.3022 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 34.4775, 27.8753, 22.3022

Background



This preview shows how black text looks on a background with the XYZ color 34.4775, 27.8753, 22.3022.



This preview shows how white text looks on a background with the XYZ color 34.4775, 27.8753,

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

34.4775, 27.8753, 22.3022

Protanopia

26.8540, 28.1518, 26.5727

Deuteranopia

28.5591, 28.0368, 21.6757



Tritanopia

35.1437, 27.9753, 25.0202

Trichromacy



Original Color

34.4775, 27.8753, 22.3022

Protanomaly

28.9819, 27.5449, 24.9083

Deuteranomaly

30.4291, 27.7392, 21.8396

Tritanomaly

34.9432, 27.8951, 23.9647

Monochromacy



Original Color

34.4775, 27.8753, 22.3022

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.4018, 28.1189, 27.9226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4775, 27.8753, 22.3022 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(200, 123, 123) looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 123, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 123, 123) }
```

Border

The CSS property to change the border of an element to XYZ 34.4775, 27.8753, 22.3022 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(200, 123, 123) }
```


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

```
.border{ border-color:rgb(200, 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(200, 123, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 123, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 123, 123);  
box-shadow:4px 4px 4px 4px rgb(200, 123,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4775, 27.8753, 22.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 123, 123) }
```

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

```
.background{ background-color: rgb(200,  
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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