

Converting Colors

XYZ(34.3696, 27.1217, 21.3103)

Have a look what the booklet for
XYZ(34.3696, 27.1217, 21.3103)
contains.

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Color

**XYZ(34.3441, 27.1063,
21.1912)**

Conversions

Conversions Part 1

Format	Color
Hex	CA7778
RGB	202, 119, 120
RGB Percent	79%, 47%, 47%
CMY	0.2078, 0.5333, 0.5294
CMYK	0.00, 0.41, 0.41, 0.21
HSL	359°, 44%, 63%
HSV	359°, 41%, 79%
XYZ	34.3441, 27.1063, 21.1912
YIQ	143.9310, 49.1470, 17.9070

Conversions

Conversions Part 2

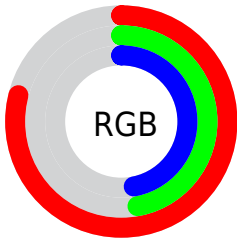
Format	Color
R_{YB}	202, 119, 120
Decimal	13268856
CIE Lab	59.07, 32.54, 13.53
CIE LCh	59, 35.242, 22.580
Yxy	27.1063, 0.4156, 0.3280
Android (android.graphics.Color)	4291458936 (0xFFCA7778)
YUV	143.9310, -11.7980, 50.9265
Hunter-Lab	52.0637, 26.6370, 12.3121

Details

The XYZ color **34.3441, 27.1063, 21.1912** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.2722, 50.3806, 62.9158**, and the grayscale version is **26.5143, 27.8951, 30.3778**.

A 20% lighter version of the original color is **63.4389, 53.7436, 46.0597**, and **14.9749, 10.7439, 7.4154** is the 20% darker color. If you saturate the color by 10%, you get **31.1029, 22.3644, 14.7450**, and if you desaturate by 10%, it is **38.3501, 32.9737, 29.1383**.

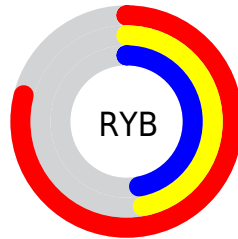
Distribution



Red (79%)

Green (47%)

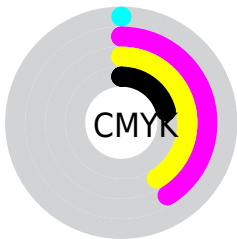
Blue (47%)



Red (79%)

Yellow (47%)

Blue (47%)

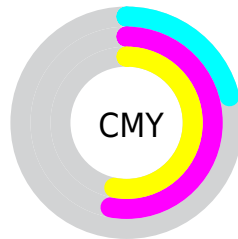


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (21%)



Cyan (21%)


Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3441, 27.1063, 21.1912 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 34.3441, 27.1063, 21.1912 by changing the saturation by 10% instead.


 34.3441, 27.1063,
21.1912


 34.3441, 27.1063,
21.1912


313.2226,
288.1714, 271.1072


 23.3222, 17.6531,
13.0712

 65.8092, 55.0544,
46.2904

 14.9536, 10.7012,
7.3463


 86.9830, 74.3181,
64.1068

 8.8729, 5.8663,
3.5979


 112.2716, 97.6207,
85.9924

 4.7148, 2.7639,
1.4075

142.0403,
125.3466, 112.3657

 2.1140, 1.0098,
0.1475

176.6544,
157.8802, 143.6453

 0.6968, 0.0000,
0.0000

216.4792,

 0.0000, 0.0000,

195.6060, 180.2497

0.0000

261.8802,
238.9083, 222.5975

■ 34.3441, 27.1063,
21.1912

■ 34.3441, 27.1063,
21.1912

■ 31.1029, 22.3644,
14.7450

■ 38.3501, 32.9737,
29.1383

■ 28.5758, 18.6722,
9.7039

■ 43.1630, 40.0277,
38.6706

■ 26.7097, 15.9513,
5.9638


■ 48.8243, 48.3302,
49.8682


■ 25.4427, 14.1103,
3.4052


■ 55.3721, 57.9374,
62.8053

■ 24.7016, 13.0406,
1.8869

■ 62.8422, 68.9021,
77.5516

 24.3703, 12.5618,
1.2098

 71.2684, 81.2742,
94.1729

 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.



35.0451, 27.1063, 32.7381



34.3441, 27.1063, 21.1912



31.2248, 27.1063, 14.2093

Triad

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



34.3441, 27.1063, 21.1912



19.6398, 27.1063, 17.1550



24.6919, 27.1063, 60.4559

Complementary

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



34.3441, 27.1063, 21.1912



39.2722, 50.3806, 62.9158

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.



20.9797, 27.1063, 53.0998



34.3441, 27.1063, 21.1912



18.2854, 27.1063, 26.5092

Square

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



34.3441, 27.1063, 21.1912



22.6647, 27.1063, 12.3814



18.7466, 27.1063, 39.7727



29.1331, 27.1063, 57.8394

Rectangle

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



34.3441, 27.1063, 21.1912



28.3668, 27.1063, 11.9700



18.7466, 27.1063, 39.7727



23.3250, 27.1063, 59.0099

Sweetspot

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



34.3448, 27.1077, 21.1917



81.5621, 80.2101, 82.2509



41.2426, 29.8237, 59.4598



17.1724, 16.7498, 17.0410



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.



34.3448, 27.1077, 21.1917



53.3633, 38.8922, 26.3624



40.1059, 38.7260, 22.8156



11.2177, 11.2158, 11.6810



15.6844, 8.0844, 0.7908



0.8111, 0.4178, 0.0511

Inverse Universe

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



34.3448, 27.1077, 21.1917



53.3633, 38.8922, 26.3624



31.1695, 33.9871, 60.7944



11.2177, 11.2158, 11.6810



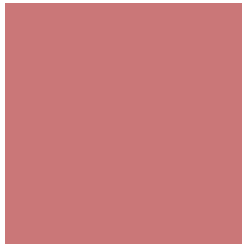
15.6844, 8.0844, 0.7908



0.8111, 0.4178, 0.0511

Previews

White Background



This preview shows how the XYZ color 34.3441, 27.1063, 21.1912 looks on a white background.

Color Contrast Check

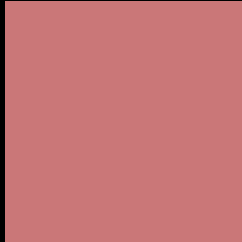
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3441, 27.1063, 21.1912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

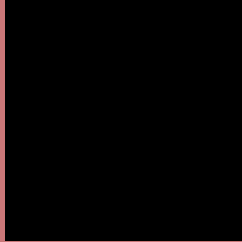
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.3441, 27.1063, 21.1912

Background



This preview shows how black text looks on a background with the XYZ color 34.3441, 27.1063, 21.1912.



This preview shows how white text looks on a background with the XYZ color 34.3441, 27.1063,

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

34.3441, 27.1063, 21.1912

Protanopia

26.0506, 27.3078, 25.7277

Deuteranopia

27.6736, 27.1750, 20.6164



Tritanopia

34.9378, 27.1857, 23.4846

Trichromacy



Original Color

34.3441, 27.1063, 21.1912

Protanomaly

28.5698, 26.9335, 24.1150

Deuteranomaly

29.6127, 26.7382, 20.7398

Tritanomaly

34.7451, 27.1086, 22.4700

Monochromacy



Original Color

34.3441, 27.1063, 21.1912

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.5542, 27.0765, 26.6430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3441, 27.1063, 21.1912 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, 119, 120)` looks like.

```
.text, #text, p{  
    color:rgb(202, 119, 120)  
}
```

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, 119, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 119, 120) }
```

Border

The CSS property to change the border of an element to XYZ 34.3441, 27.1063, 21.1912 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, 119, 120) }
```


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

```
.border{ border-color:rgb(202, 119, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 119, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 119, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 119, 120);  
box-shadow:4px 4px 4px 4px rgb(202, 119,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3441, 27.1063, 21.1912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 119, 120) }
```

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

```
.background{ background-color: rgb(202,  
119, 120) }
```

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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