

Converting Colors

XYZ(38.7634, 32.2277, 27.3331)

Have a look what the booklet for
XYZ(38.7634, 32.2277, 27.3331)
contains.

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Color

**XYZ(38.7012, 32.0932,
27.4474)**

Conversions

Conversions Part 1

Format	Color
Hex	CF8688
RGB	207, 134, 136
RGB Percent	81%, 53%, 53%
CMY	0.1882, 0.4745, 0.4667
CMYK	0.00, 0.35, 0.34, 0.19
HSL	358°, 43%, 67%
HSV	358°, 35%, 81%
XYZ	38.7012, 32.0932, 27.4474
YIQ	156.0550, 42.8660, 16.0980

Conversions

Conversions Part 2

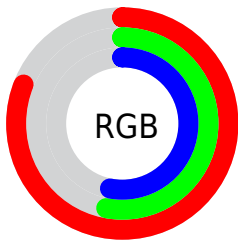
Format	Color
R _Y B	207, 134, 136
Decimal	13600392
CIE Lab	63.42, 28.27, 10.59
CIE LCh	63, 30.186, 20.538
Yxy	32.0932, 0.3939, 0.3267
Android (android.graphics.Color)	4291790472 (0xFFCF8688)
YUV	156.0550, -9.8871, 44.6788
Hunter-Lab	56.6509, 22.8038, 10.9295

Details

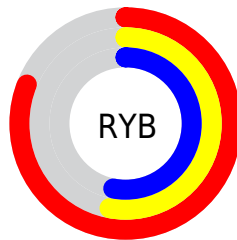
The XYZ color **38.7012, 32.0932, 27.4474** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.1653, 54.1025, 65.9284**, and the grayscale version is **31.6546, 33.3031, 36.2671**.

A 20% lighter version of the original color is **68.4085, 60.9006, 56.2936**, and **17.5355, 13.4377, 10.4736** is the 20% darker color. If you saturate the color by 10%, you get **34.8161, 26.4018, 19.7435**, and if you desaturate by 10%, it is **43.4168, 39.0151, 36.7549**.

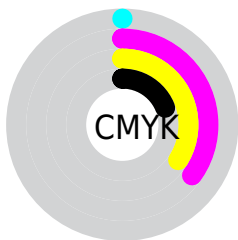
Distribution



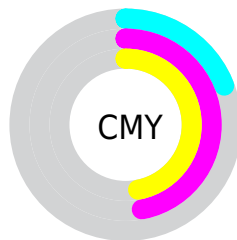
- Red (81%)
- Green (53%)
- Blue (53%)



- Red (81%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (35%)
- Yellow (34%)
- Black (19%)



- Cyan (19%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7012, 32.0932, 27.4474 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 38.7012, 32.0932, 27.4474 by changing the saturation by 10% instead.


 38.7012, 32.0932,
27.4474


 38.7012, 32.0932,
27.4474


331.8475,
311.5436, 303.6453


 26.7070, 21.4327,
17.6741


 72.4786, 62.9572,
56.6134

 17.4888, 13.4407,
10.5493


 94.9926, 83.9294,
76.8432

 10.6810, 7.7327,
5.6543


 121.7439,
109.1077, 101.3956

 5.9185, 3.9244,
2.5707

153.0979,
138.8764, 130.6891

 2.8358, 1.6313,
0.8773

189.4198,
173.6200, 165.1423

 1.0675, 0.3786,
0.0000

231.0752,

 0.0000, 0.0000,

213.7228, 205.1737

0.0000

278.4293,
259.5692, 251.2019

■ 38.7012, 32.0932,
27.4474

■ 38.7012, 32.0932,
27.4474

■ 34.8161, 26.4018,
19.7435

■ 43.4168, 39.0151,
36.7549

■ 31.7110, 21.8647,
13.5509

■ 49.0044, 47.2288,
47.7474

■ 29.3340, 18.4042,
8.7708

■ 55.5057, 56.7969,
60.5031

■ 27.6258, 15.9314,
5.2921

■ 62.9593, 67.7767,
75.0946

■ 26.5177, 14.3431,
2.9868

■ 71.4011, 80.2223,
91.5907

■ 25.9262, 13.5133,
1.7012

■ 79.5422, 92.0054,
108.1742

■ 25.7632, 13.2778,
1.3675

Harmonies

Analogous

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



39.1755, 32.0932, 38.8826



38.7012, 32.0932, 27.4474



35.9250, 32.0932, 19.9665

Triad

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



38.7012, 32.0932, 27.4474



24.6883, 32.0932, 22.2179



29.1962, 32.0932, 63.0556

Complementary

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



38.7012, 32.0932, 27.4474



43.1653, 54.1025, 65.9284

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.



25.6571, 32.0932, 55.9947



38.7012, 32.0932, 27.4474



23.2163, 32.0932, 31.2808

Square

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



38.7012, 32.0932, 27.4474



27.7594, 32.0932, 17.4630



23.5540, 32.0932, 43.6947



33.4230, 32.0932, 61.3600

Rectangle

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



38.7012, 32.0932, 27.4474



33.2720, 32.0932, 17.3698



23.5540, 32.0932, 43.6947



27.8933, 32.0932, 61.5762

Sweetspot

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



38.7021, 32.0948, 27.4480



82.6597, 81.7565, 84.6168



44.8459, 34.4744, 63.3222



17.3934, 17.0591, 17.5243



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.



38.7021, 32.0948, 27.4480



57.3862, 44.6372, 34.7962



44.0511, 43.0178, 28.5378



11.8217, 11.8134, 12.3366



16.2376, 8.3679, 0.8915



0.9126, 0.4698, 0.0746

Inverse Universe

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



38.7021, 32.0948, 27.4480



57.3862, 44.6372, 34.7962



36.0262, 39.4364, 64.7448



11.8217, 11.8134, 12.3366



16.2376, 8.3679, 0.8915



0.9126, 0.4698, 0.0746

Previews

White Background



This preview shows how the XYZ color 38.7012, 32.0932, 27.4474 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 38.7012, 32.0932, 27.4474 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 38.7012, 32.0932, 27.4474

Background



This preview shows how black text looks on a background with the XYZ color 38.7012, 32.0932, 27.4474.



This preview shows how white text looks on a background with the XYZ color 38.7012, 32.0932,

27.4474.

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

38.7012, 32.0932, 27.4474

Protanopia

30.8776, 32.2287, 31.7875

Deuteranopia

32.7280, 32.1034, 26.6619



Tritanopia

39.3579, 32.1681, 30.1213

Trichromacy



Original Color

38.7012, 32.0932, 27.4474

Protanomaly

33.0659, 31.7409, 29.9750

Deuteranomaly

34.6191, 31.9309, 26.8929

Tritanomaly

39.1336, 32.0784, 28.9401

Monochromacy



Original Color

38.7012, 32.0932, 27.4474

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.6939, 32.4637, 32.9240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7012, 32.0932, 27.4474 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(207, 134, 136)` looks like.

```
.text, #text, p{  
    color:rgb(207, 134, 136)  
}
```

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(207, 134, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 134, 136) }
```

Border

The CSS property to change the border of an element to XYZ 38.7012, 32.0932, 27.4474 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(207, 134, 136) }
```


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

```
.border{ border-color:rgb(207, 134, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 134, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 134, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 134, 136);  
box-shadow:4px 4px 4px 4px rgb(207, 134,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7012, 32.0932, 27.4474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 134, 136) }
```

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

```
.background{ background-color: rgb(207,  
134, 136) }
```

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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