

Converting Colors

XYZ(38.4901, 31.9596, 27.4424)

Have a look what the booklet for
XYZ(38.4901, 31.9596, 27.4424)
contains.

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Color

**XYZ(38.4226, 31.9496,
27.4343)**

Conversions

Conversions Part 1

Format	Color
Hex	CE8688
RGB	206, 134, 136
RGB Percent	81%, 53%, 53%
CMY	0.1922, 0.4745, 0.4667
CMYK	0.00, 0.35, 0.34, 0.19
HSL	358°, 42%, 67%
HSV	358°, 35%, 81%
XYZ	38.4226, 31.9496, 27.4343
YIQ	155.7560, 42.2700, 15.8860

Conversions

Conversions Part 2

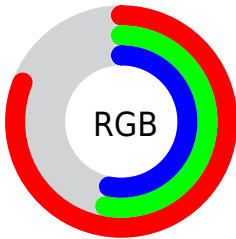
Format	Color
R _Y B	206, 134, 136
Decimal	13534856
CIE Lab	63.30, 27.89, 10.41
CIE LCh	63, 29.765, 20.462
Yxy	31.9496, 0.3928, 0.3267
Android (android.graphics.Color)	4291724936 (0xFFCE8688)
YUV	155.7560, -9.7397, 44.0640
Hunter-Lab	56.5240, 22.4198, 10.7900

Details

The XYZ color **38.4226, 31.9496, 27.4343** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.8033, 53.5712, 65.2140**, and the grayscale version is **31.5208, 33.1623, 36.1138**.

A 20% lighter version of the original color is **68.4085, 60.9006, 56.2936**, and **17.3506, 13.3424, 10.4650** is the 20% darker color. If you saturate the color by 10%, you get **34.5548, 26.2831, 19.7663**, and if you desaturate by 10%, it is **43.1127, 38.8347, 36.6894**.

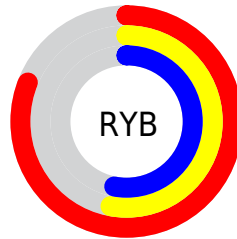
Distribution



Red (81%)

Green (53%)

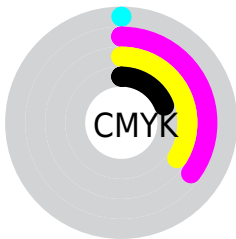
Blue (53%)



Red (81%)

Yellow (53%)

Blue (53%)

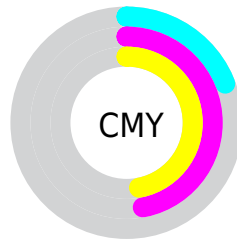


Cyan (0%)

Magenta (35%)

Yellow (34%)

Black (19%)



Cyan (19%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4226, 31.9496, 27.4343 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 38.4226, 31.9496, 27.4343 by changing the saturation by 10% instead.


 38.4226, 31.9496,
27.4343


 38.4226, 31.9496,
27.4343


330.6789,
310.8896, 303.5803


 26.4895, 21.3230,
17.6643


 72.0551, 62.7321,
56.5922

 17.3248, 13.3603,
10.5423


 94.4853, 83.6567,
76.8172

 10.5631, 7.6771,
5.6497


 121.1453,
108.7829, 101.3643

 5.8390, 3.8891,
2.5680

152.4004,
138.4949, 130.6520

 2.7871, 1.6117,
0.8758

188.6159,
173.1772, 165.0990

 1.0422, 0.3655,
0.0000

230.1573,

 0.0000, 0.0000,

213.2141, 205.1236

0.0000

277.3899,
258.9901, 251.1445

■ 38.4226, 31.9496,
27.4343

■ 38.4226, 31.9496,
27.4343

■ 34.5548, 26.2831,
19.7663

■ 43.1127, 38.8347,
36.6894

■ 31.4596, 21.7599,
13.5945

■ 48.6659, 46.9988,
47.6116

■ 29.0858, 18.3038,
8.8217

■ 55.1235, 56.5035,
60.2781

■ 27.3750, 15.8271,
5.3387

■ 62.5233, 67.4056,
74.7605

■ 26.2599, 14.2286,
3.0198

■ 70.9010, 79.7580,
91.1263

■ 25.6588, 13.3846,
1.7146

■ 79.2636, 91.8618,
108.1612

■ 25.4849, 13.1343,
1.3559

Harmonies

Analogous

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



38.8817, 31.9496, 38.6899



38.4226, 31.9496, 27.4343



35.7024, 31.9496, 20.0432

Triad

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



38.4226, 31.9496, 27.4343



24.6508, 31.9496, 22.2362



29.0715, 31.9496, 62.3480

Complementary

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



38.4226, 31.9496, 27.4343



42.8033, 53.5712, 65.2140

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.



25.5918, 31.9496, 55.4156



38.4226, 31.9496, 27.4343



23.1963, 31.9496, 31.1571

Square

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



38.4226, 31.9496, 27.4343



27.6774, 31.9496, 17.5478



23.5245, 31.9496, 43.3500



33.2257, 31.9496, 60.7109

Rectangle

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



38.4226, 31.9496, 27.4343



33.0983, 31.9496, 17.4685



23.5245, 31.9496, 43.3500



27.7905, 31.9496, 60.8927

Sweetspot

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



38.4234, 31.9511, 27.4349



83.7098, 83.3005, 86.6818



44.4588, 34.2889, 62.6677



17.6028, 17.3668, 17.9364



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.



38.4234, 31.9511, 27.4349



57.3894, 44.6385, 34.8134



43.6865, 42.7021, 28.4961



11.2247, 11.2186, 11.7180



15.6987, 8.0901, 0.8660



0.8144, 0.4192, 0.0684

Inverse Universe

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



38.4234, 31.9511, 27.4349



57.3894, 44.6385, 34.8134



35.8022, 39.1835, 64.0687



11.2247, 11.2186, 11.7180



15.6987, 8.0901, 0.8660



0.8144, 0.4192, 0.0684

Previews

White Background



This preview shows how the XYZ color 38.4226, 31.9496, 27.4343 looks on a white background.

Color Contrast Check

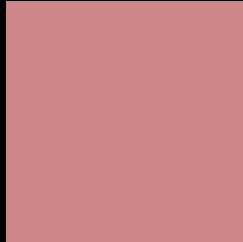
Large Text (above 18pt) WCAG AA × Fail

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 38.4226, 31.9496, 27.4343 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 38.4226, 31.9496, 27.4343

Background



This preview shows how black text looks on a background with the XYZ color 38.4226, 31.9496, 27.4343.



This preview shows how white text looks on a background with the XYZ color 38.4226, 31.9496,

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

38.4226, 31.9496, 27.4343

Protanopia

30.6801, 32.1269, 31.7782

Deuteranopia

32.7280, 32.1034, 26.6619



Tritanopia

39.0776, 32.0236, 30.1082

Trichromacy



Original Color

38.4226, 31.9496, 27.4343

Protanomaly

32.8406, 31.6247, 29.9645

Deuteranomaly

34.6191, 31.9309, 26.8929

Tritanomaly

38.8533, 31.9339, 28.9270

Monochromacy



Original Color

38.4226, 31.9496, 27.4343

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.4703, 32.3484, 32.9136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4226, 31.9496, 27.4343 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(206, 134, 136)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 134, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 134, 136) }
```

Border

The CSS property to change the border of an element to XYZ 38.4226, 31.9496, 27.4343 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(206, 134, 136) }
```


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

```
.border{ border-color:rgb(206, 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(206, 134, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 134, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 134, 136);  
box-shadow:4px 4px 4px 4px rgb(206, 134,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4226, 31.9496, 27.4343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 134, 136) }
```

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

```
.background{ background-color: rgb(206,  
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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