

Converting Colors

XYZ(44.2513, 42.3322, 38.6395)

Have a look what the booklet for
XYZ(44.2513, 42.3322, 38.6395)
contains.

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Color

**XYZ(44.2513, 42.3322,
38.6395)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA69F
RGB	202, 166, 159
RGB Percent	79%, 65%, 62%
CMY	0.2078, 0.3490, 0.3765
CMYK	0.00, 0.18, 0.21, 0.21
HSL	10°, 29%, 71%
HSV	10°, 21%, 79%
XYZ	44.2513, 42.3322, 38.6395
YIQ	175.9660, 23.7030, 5.4550

Conversions

Conversions Part 2

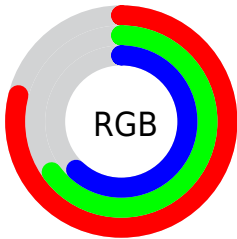
Format	Color
RYB	202, 167, 159
Decimal	13280927
CIELab	71.10, 12.10, 8.57
CIELCh	71, 14.827, 35.331
Yxy	42.3322, 0.3534, 0.3381
Android (android.graphics.Color)	4291471007 (0xFFCAA69F)
YUV	175.9660, -8.3642, 22.8318
Hunter-Lab	65.0632, 7.5422, 10.3333

Details

The XYZ color **44.2513, 42.3322, 38.6395** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4733, 50.6639, 63.3124**, and the grayscale version is **41.2836, 43.4336, 47.2992**.

A 20% lighter version of the original color is **79.2341, 77.8279, 74.4645**, and **20.7567, 19.3204, 16.8226** is the 20% darker color. If you saturate the color by 10%, you get **39.7654, 35.9399, 29.1912**, and if you desaturate by 10%, it is **49.4302, 49.6513, 49.7330**.

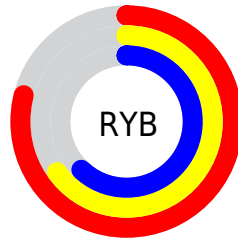
Distribution



Red (79%)

Green (65%)

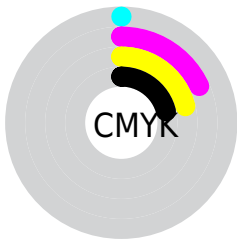
Blue (62%)



Red (79%)

Yellow (65%)

Blue (62%)

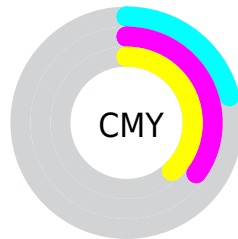


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (21%)



Cyan (21%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2513, 42.3322, 38.6395 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 44.2513, 42.3322, 38.6395 by changing the saturation by 10% instead.


 44.2513, 42.3322,
38.6395

 44.2513, 42.3322,
38.6395


354.5677,
355.8582, 355.7355

 31.0669, 29.3615,
26.1737


 80.8398, 78.7021,
74.3015

 20.8019, 19.3545,
16.7267


 104.9745,
102.8702, 98.3349

 13.0909, 11.9267,
9.8799

133.4901,
131.5395, 127.0611

 7.5686, 6.6938,
5.2149

166.7518,
165.0944, 160.8989

 3.8696, 3.2713,
2.3129

205.1251,
203.9193, 200.2667

 1.6286, 1.2750,
0.7385

248.9753,

 0.4110, 0.1217,

248.3987, 245.5830

0.0000

298.6677,
298.9168, 297.2664

■ 0.0000, 0.0000,
0.0000

■ 44.2513, 42.3322,
38.6395

■ 44.2513, 42.3322,
38.6395

■ 39.7654, 35.9399,
29.1912

■ 49.4302, 49.6513,
49.7330

■ 35.9395, 30.4319,
21.3072

■ 55.3263, 57.9261,
62.5423

■ 32.7430, 25.7705,
14.9033

■ 61.9671, 67.1916,
77.1369

■ 30.1416, 21.9136,
9.8867

■ 69.3774, 77.4792,
93.5818

■ 28.0974, 18.8150,
6.1539

■ 76.7651, 88.4925,
107.6425

■ 26.5682, 16.4240,
3.5868

■ 78.1672, 91.2966,
108.1099

■ 25.5053, 14.6833,
2.0452

■ 24.8984, 13.6389,
1.3203

Harmonies

Analogous

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



45.1711, 42.3322, 44.8358



44.2513, 42.3322, 38.6395



42.2582, 42.3322, 34.7658

Triad

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



44.2513, 42.3322, 38.6395



36.0571, 42.3322, 40.6258



40.6800, 42.3322, 61.0664

Complementary

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



44.2513, 42.3322, 38.6395



44.4733, 50.6639, 63.3124

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.



38.2784, 42.3322, 59.6457



44.2513, 42.3322, 38.6395



35.6732, 42.3322, 47.3726

Square

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



44.2513, 42.3322, 38.6395



37.5412, 42.3322, 35.8274



36.4703, 42.3322, 54.4472



43.0557, 42.3322, 58.1521

Rectangle

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



44.2513, 42.3322, 38.6395



40.6248, 42.3322, 33.7803



36.4703, 42.3322, 54.4472



39.8487, 42.3322, 61.0829

Sweetspot

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



44.2524, 42.3341, 38.6404



88.7330, 91.1522, 95.1220



46.6682, 41.3184, 57.4722



18.8513, 19.3121, 20.0533



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.



44.2524, 42.3341, 38.6404



70.9313, 65.9981, 56.9740



48.3751, 50.5795, 40.0146



11.3575, 11.5039, 11.7013



16.0654, 8.8638, 0.8641



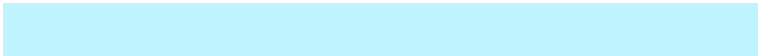
0.8762, 0.5521, 0.0604

Inverse Universe

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



44.4733, 50.6639, 63.3124



71.3730, 82.8227, 106.8324



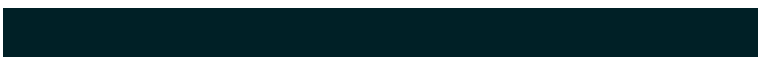
40.1049, 41.9271, 61.8563



11.3817, 12.4038, 14.3647



16.0567, 21.1374, 39.1899



0.8709, 1.1756, 2.0360

Previews

White Background



This preview shows how the XYZ color 44.2513, 42.3322, 38.6395 looks on a white background.

Color Contrast Check

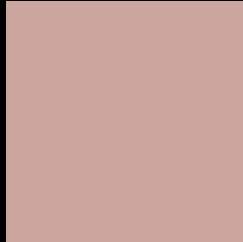
Large Text (above 18pt) WCAG AA × Fail

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 44.2513, 42.3322, 38.6395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

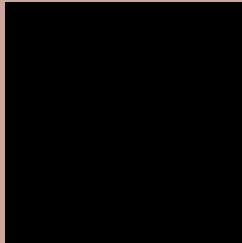
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2513, 42.3322, 38.6395

Background



This preview shows how black text looks on a background with the XYZ color 44.2513, 42.3322, 38.6395.



This preview shows how white text looks on a background with the XYZ color 44.2513, 42.3322,

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

44.2513, 42.3322, 38.6395

Protanopia

40.5693, 42.6197, 40.7385

Deuteranopia

43.2866, 42.3788, 38.6994



Tritanopia

45.8355, 42.1663, 46.7974

Trichromacy



Original Color

44.2513, 42.3322, 38.6395

Protanomaly

41.8235, 42.4258, 40.1671

Deuteranomaly

43.6299, 42.2828, 38.6627

Tritanomaly

45.1598, 42.1497, 43.7857

Monochromacy



Original Color

44.2513, 42.3322, 38.6395

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.0158, 42.7216, 44.0618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2513, 42.3322, 38.6395 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, 166, 159)` looks like.

```
.text, #text, p{  
    color:rgb(202, 166, 159)  
}
```

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, 166, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 166, 159) }
```

Border

The CSS property to change the border of an element to XYZ 44.2513, 42.3322, 38.6395 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, 166, 159) }
```


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

```
.border{ border-color:rgb(202, 166, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 166, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 166, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 166, 159);  
box-shadow:4px 4px 4px 4px rgb(202, 166,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2513, 42.3322, 38.6395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 166, 159) }
```

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

```
.background{ background-color: rgb(202,  
166, 159) }
```

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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