

Converting Colors

XYZ(38.8511, 36.4551, 24.3747)

Have a look what the booklet for
XYZ(38.8511, 36.4551, 24.3747)
contains.

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Color

**XYZ(38.9123, 36.5425,
24.4045)**

Conversions

Conversions Part 1

Format	Color
Hex	C8997D
RGB	200, 153, 125
RGB Percent	78%, 60%, 49%
CMY	0.2157, 0.4000, 0.5098
CMYK	0.00, 0.23, 0.37, 0.22
HSL	22°, 41%, 64%
HSV	22°, 37%, 78%
XYZ	38.9123, 36.5425, 24.4045
YIQ	163.8610, 37.0000, 1.2560

Conversions

Conversions Part 2

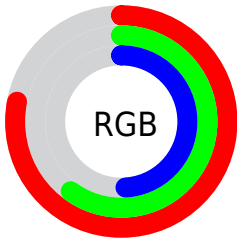
Format	Color
R _Y B	200, 170, 125
Decimal	13146493
CIE Lab	66.93, 13.80, 21.50
CIE LCh	67, 25.547, 57.304
Yxy	36.5425, 0.3897, 0.3659
Android (android.graphics.Color)	4291336573 (0xFFC8997D)
YUV	163.8610, -19.1585, 31.6939
Hunter-Lab	60.4504, 9.1134, 18.3792

Details

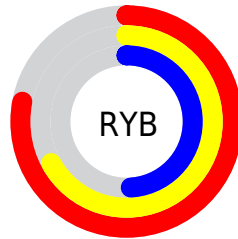
The XYZ color **38.9123, 36.5425, 24.4045** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.6347, 38.0337, 60.2120**, and the grayscale version is **35.2972, 37.1354, 40.4404**.

A 20% lighter version of the original color is **71.5887, 69.1000, 51.6840**, and **17.5575, 15.9538, 8.9915** is the 20% darker color. If you saturate the color by 10%, you get **35.8166, 32.1940, 17.6913**, and if you desaturate by 10%, it is **42.4826, 41.4283, 32.5459**.

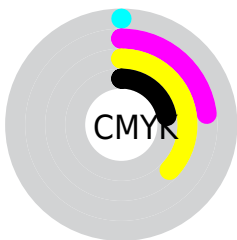
Distribution



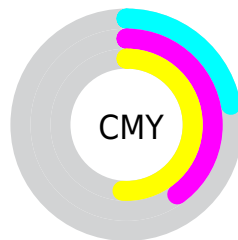
- Red (78%)
- Green (60%)
- Blue (49%)



- Red (78%)
- Yellow (67%)
- Blue (49%)



- Cyan (0%)
- Magenta (23%)
- Yellow (37%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9123, 36.5425, 24.4045 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 38.9123, 36.5425, 24.4045 by changing the saturation by 10% instead.


 38.9123, 36.5425,
24.4045


 38.9123, 36.5425,
24.4045

332.7311,
331.3255, 288.2113


 26.8719, 24.8535,
15.4190


 72.7993, 69.8686,
51.6416

 17.6131, 15.9679,
8.9641


 95.3765, 92.2744,
70.7302

 10.7706, 9.5015,
4.6213


 122.1968,
119.0213, 94.0236

 5.9790, 5.0697,
1.9720

153.6255,
150.4937, 121.9403

 2.8728, 2.2882,
0.5380

190.0279,
187.0759, 154.8989

 1.0869, 0.7675,
0.0000

231.7694,

 0.0141, 0.0000,

229.1523, 193.3179

0.0000

279.2153,
277.1074, 237.6159

■ 0.0000, 0.0000,
0.0000

■ 38.9123, 36.5425,
24.4045

■ 38.9123, 36.5425,
24.4045

■ 35.8166, 32.1940,
17.6913

■ 42.4826, 41.4283,
32.5459

■ 33.1706, 28.3582,
12.3200

■ 46.5453, 46.8645,
42.1904

■ 30.9510, 25.0159,
8.1985


■ 51.1205, 52.8703,
53.4102


■ 29.1311, 22.1448,
5.2217


■ 56.2265, 59.4622,
66.2723


■ 27.6802, 19.7201,
3.2672


■ 61.8805, 66.6563,
80.8395


 26.5579, 17.7125,
2.1627

 68.0989, 74.4678,
97.1717

 26.3137, 17.2680,
1.9462

 73.2449, 82.2503,
106.6232

 77.0775, 89.9156,
107.9008

 77.6294, 91.0193,
108.0847

Harmonies

Analogous

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



41.7785, 36.5425, 30.7856



38.9123, 36.5425, 24.4045



35.0839, 36.5425, 22.0614

Triad

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



38.9123, 36.5425, 24.4045



27.8126, 36.5425, 38.7940



38.2616, 36.5425, 61.9066

Complementary

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



38.9123, 36.5425, 24.4045



33.6347, 38.0337, 60.2120

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.



34.3835, 36.5425, 65.1194



38.9123, 36.5425, 24.4045



28.5270, 36.5425, 50.3950

Square

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



38.9123, 36.5425, 24.4045



28.8352, 36.5425, 29.3446



30.8634, 36.5425, 60.5696



41.3837, 36.5425, 52.4562

Rectangle

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



38.9123, 36.5425, 24.4045



32.5643, 36.5425, 22.7031



30.8634, 36.5425, 60.5696



36.9949, 36.5425, 63.8204

Sweetspot

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



38.9132, 36.5442, 24.4052



85.5052, 87.6173, 85.0421



38.6477, 29.9447, 43.0251



18.0668, 18.4457, 17.6254



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.



38.9132, 36.5442, 24.4052



62.9456, 57.0678, 32.6053



45.9346, 50.5870, 26.7457



10.9529, 11.2749, 11.1618



16.8107, 11.1385, 1.2639



0.8653, 0.6661, 0.0830

Inverse Universe

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



33.6347, 38.0337, 60.2120



52.4892, 59.9807, 103.4187



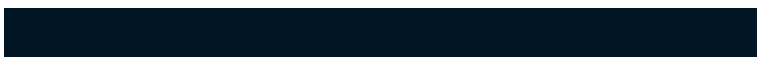
27.5471, 25.8584, 58.1828



10.6010, 11.3762, 13.5546



11.4060, 12.2059, 36.4992



0.6079, 0.7136, 1.7508

Previews

White Background



This preview shows how the XYZ color 38.9123, 36.5425, 24.4045 looks on a white background.

Color Contrast Check

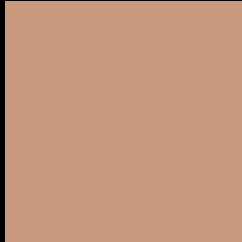
Large Text (above 18pt) WCAG AA × Fail

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 38.9123, 36.5425, 24.4045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

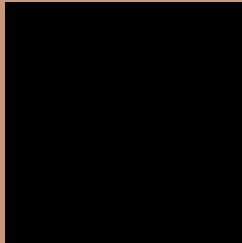
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9123, 36.5425, 24.4045

Background



This preview shows how black text looks on a background with the XYZ color 38.9123, 36.5425, 24.4045.



This preview shows how white text looks on a background with the XYZ color 38.9123, 36.5425,

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

38.9123, 36.5425, 24.4045

Protanopia

34.3600, 36.6903, 26.3901

Deuteranopia

37.2648, 36.4386, 24.1381



Tritanopia

41.5637, 36.4144, 38.0957

Trichromacy



Original Color

38.9123, 36.5425, 24.4045

Protanomaly

35.8229, 36.4221, 25.5642

Deuteranomaly

37.8651, 36.5000, 24.1183

Tritanomaly

40.5299, 36.4758, 32.5081

Monochromacy



Original Color

38.9123, 36.5425, 24.4045

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.2073, 36.6907, 34.0279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9123, 36.5425, 24.4045 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, 153, 125)` looks like.

```
.text, #text, p{  
    color:rgb(200, 153, 125)  
}
```

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, 153, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 153, 125) }
```

Border

The CSS property to change the border of an element to XYZ 38.9123, 36.5425, 24.4045 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, 153, 125) }
```


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

```
.border{ border-color:rgb(200, 153, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 153, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 153, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 153, 125);  
box-shadow:4px 4px 4px 4px rgb(200, 153,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9123, 36.5425, 24.4045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 153, 125) }
```

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

```
.background{ background-color: rgb(200,  
153, 125) }
```

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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