

Converting Colors

XYZ(43.6998, 41.5719, 23.8101)

Have a look what the booklet for
XYZ(43.6998, 41.5719, 23.8101)
contains.

XYZ(43.6998, 41.5719, 23.8101)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.6998, 41.5719,
23.8101)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A379
RGB	212, 163, 121
RGB Percent	83%, 64%, 47%
CMY	0.1686, 0.3608, 0.5255
CMYK	0.00, 0.23, 0.43, 0.17
HSL	28°, 51%, 65%
HSV	28°, 43%, 83%
XYZ	43.6998, 41.5719, 23.8101
YIQ	172.8630, 42.6860, -2.6740

Conversions

Conversions Part 2

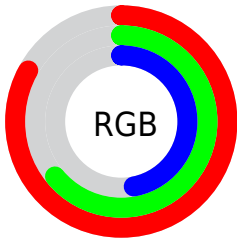
Format	Color
R _Y B	212, 199, 121
Decimal	13935481
CIE Lab	70.57, 12.74, 28.77
CIE LCh	71, 31.468, 66.116
Yxy	41.5719, 0.4006, 0.3811
Android (android.graphics.Color)	4292125561 (0xFFD4A379)
YUV	172.8630, -25.5685, 34.3231
Hunter-Lab	64.4763, 8.1477, 23.2385

Details

The XYZ color **43.6998, 41.5719, 23.8101** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.1431, 37.5665, 67.7389**, and the grayscale version is **39.7625, 41.8332, 45.5564**.

A 20% lighter version of the original color is **73.9514, 74.4588, 50.5187**, and **20.3717, 18.8053, 8.6870** is the 20% darker color. If you saturate the color by 10%, you get **40.6040, 37.2373, 17.0537**, and if you desaturate by 10%, it is **47.2663, 46.3907, 32.1337**.

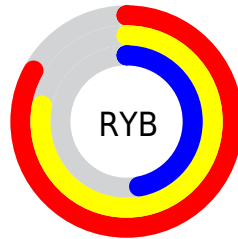
Distribution



Red (83%)

Green (64%)

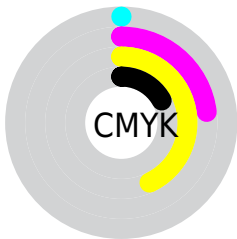
Blue (47%)



Red (83%)

Yellow (78%)

Blue (47%)

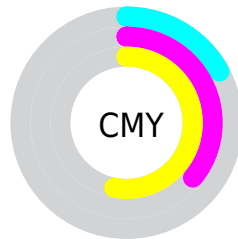


Cyan (0%)

Magenta (23%)

Yellow (43%)

Black (17%)



Cyan (17%)


Magenta (36%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6998, 41.5719, 23.8101 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 43.6998, 41.5719, 23.8101 by changing the saturation by 10% instead.


 43.6998, 41.5719,
23.8101

 43.6998, 41.5719,
23.8101


352.3548,
352.7052, 285.1146


 30.6315, 28.7662,
14.9819


 80.0150, 77.5513,
50.6601

 20.4688, 18.9040,
8.6602


 103.9925,
101.4938, 69.5189

 12.8465, 11.6010,
4.4264


 132.3372,
129.9174, 92.5585

 7.3992, 6.4726,
1.8621

165.4143,
163.2065, 120.1972

 3.7615, 3.1345,
0.4684

203.5893,
201.7454, 152.8536

 1.5681, 1.2024,
0.0000

247.2275,

 0.3715, 0.0636,

245.9185, 190.9463

0.0000

296.6942,
296.1104, 234.8937

0.0000, 0.0000,
0.0000

43.6998, 41.5719,
23.8101

43.6998, 41.5719,
23.8101

40.6040, 37.2373,
17.0537

47.2663, 46.3907,
32.1337

37.9522, 33.3637,
11.7608

51.3223, 51.7038,
42.1141

35.7190, 29.9345,
7.8190


55.8890, 57.5284,
53.8371


33.8749, 26.9295,
5.0978

60.9857, 63.8792,
67.3818


32.3848, 24.3260,
3.4405


66.6302, 70.7700,
82.8224

 31.5057, 22.7057,
2.7221

 72.8396, 78.2142,
100.2288

 77.2238, 85.2618,
106.9948

 80.7449, 92.3040,
108.1685

 80.9614, 92.7371,
108.2407

Harmonies

Analogous

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



48.1504, 41.5719, 30.4008



43.6998, 41.5719, 23.8101



38.4574, 41.5719, 22.3498

Triad

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



43.6998, 41.5719, 23.8101



30.3838, 41.5719, 48.3839



45.7024, 41.5719, 72.5529

Complementary

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



43.6998, 41.5719, 23.8101



34.1431, 37.5665, 67.7389

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.



40.5875, 41.5719, 80.1131



43.6998, 41.5719, 23.8101



31.9755, 41.5719, 64.3222

Square

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



43.6998, 41.5719, 23.8101



31.0595, 41.5719, 34.6351



35.6023, 41.5719, 76.8111



49.3757, 41.5719, 57.8731

Rectangle

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



43.6998, 41.5719, 23.8101



35.2740, 41.5719, 24.1186



35.6023, 41.5719, 76.8111



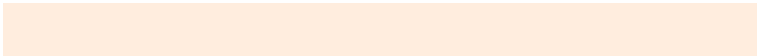
44.0783, 41.5719, 76.1424

Sweetspot

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



43.7008, 41.5739, 23.8109



84.7328, 87.1821, 81.3638



41.3445, 30.6144, 42.2835



17.7913, 18.2243, 16.5175



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.



43.7008, 41.5739, 23.8109



61.8366, 56.7929, 26.2455



53.0247, 60.2217, 26.9189



12.8909, 13.3560, 13.0593



19.5480, 14.2132, 1.7131



1.2613, 1.0218, 0.1308

Inverse Universe

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



34.1431, 37.5665, 67.7389



45.3786, 49.8785, 101.8435



27.1727, 23.6258, 65.4155



12.2909, 13.1052, 15.8193



11.1625, 10.5867, 39.9083



0.7557, 0.8034, 2.4346

Previews

White Background



This preview shows how the XYZ color 43.6998, 41.5719, 23.8101 looks on a white background.

Color Contrast Check

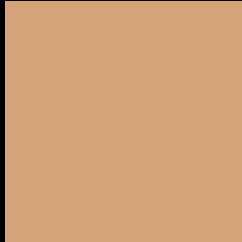
Large Text (above 18pt) WCAG AA × Fail

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 43.6998, 41.5719, 23.8101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

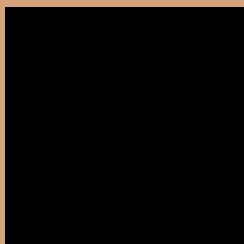
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6998, 41.5719, 23.8101

Background



This preview shows how black text looks on a background with the XYZ color 43.6998, 41.5719, 23.8101.



This preview shows how white text looks on a background with the XYZ color 43.6998, 41.5719,

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

43.6998, 41.5719, 23.8101

Protanopia

38.8949, 41.8069, 25.4216

Deuteranopia

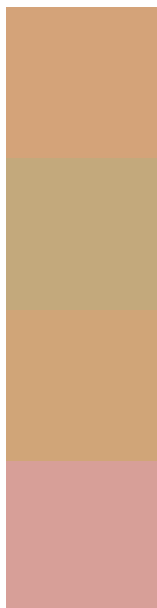
42.4800, 41.7503, 23.5890



Tritanopia

47.8337, 41.7302, 43.0697

Trichromacy



Original Color

43.6998, 41.5719, 23.8101

Protanomaly

40.3317, 41.4333, 24.9405

Deuteranomaly

42.8577, 41.6762, 23.5548

Tritanomaly

46.0900, 41.5103, 35.2889

Monochromacy



Original Color

43.6998, 41.5719, 23.8101

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.5142, 41.2738, 36.4032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6998, 41.5719, 23.8101 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(212, 163, 121)` looks like.

```
.text, #text, p{  
    color:rgb(212, 163, 121)  
}
```

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(212, 163, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 163, 121) }
```

Border

The CSS property to change the border of an element to XYZ 43.6998, 41.5719, 23.8101 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(212, 163, 121) }
```


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

```
.border{ border-color:rgb(212, 163, 121) }
```

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

Here you see how a box with a 4 pixel rgb(212, 163, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 163, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 163, 121);  
box-shadow:4px 4px 4px 4px rgb(212, 163,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6998, 41.5719, 23.8101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 163, 121) }
```

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

```
.background{ background-color: rgb(212,  
163, 121) }
```

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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