

Converting Colors

XYZ(43.1594, 36.7380, 22.9704)

Have a look what the booklet for
XYZ(43.1594, 36.7380, 22.9704)
contains.

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Color

**XYZ(42.9396, 36.5426,
22.8794)**

Conversions

Conversions Part 1

Format	Color
Hex	DC9079
RGB	220, 144, 121
RGB Percent	86%, 56%, 47%
CMY	0.1373, 0.4353, 0.5255
CMYK	0.00, 0.35, 0.45, 0.14
HSL	14°, 59%, 67%
HSV	14°, 45%, 86%
XYZ	42.9396, 36.5426, 22.8794
YIQ	164.1020, 52.6790, 8.9590

Conversions

Conversions Part 2

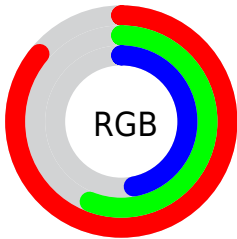
Format	Color
R_{YB}	220, 151, 121
Decimal	14454905
CIE Lab	66.93, 26.19, 24.08
CIE LCh	67, 35.580, 42.602
Yxy	36.5426, 0.4195, 0.3570
Android (android.graphics.Color)	4292644985 (0xFFDC9079)
YUV	164.1020, -21.2493, 49.0225
Hunter-Lab	60.4505, 21.0050, 19.8752

Details

The XYZ color **42.9396, 36.5426, 22.8794** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **40.7687, 49.1625, 75.0505**, and the grayscale version is **35.4164, 37.2608, 40.5770**.

A 20% lighter version of the original color is **68.9769, 64.6653, 48.3813**, and **19.9843, 15.9780, 8.1617** is the 20% darker color. If you saturate the color by 10%, you get **39.3719, 31.3258, 15.7760**, and if you desaturate by 10%, it is **47.1994, 42.6514, 31.7319**.

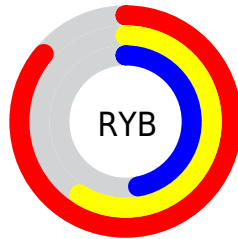
Distribution



Red (86%)

Green (56%)

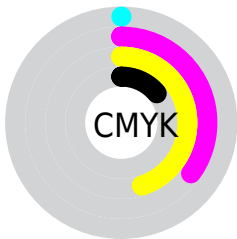
Blue (47%)



Red (86%)

Yellow (59%)

Blue (47%)

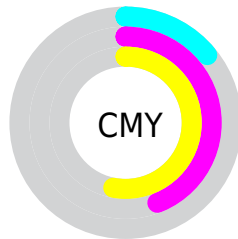


Cyan (0%)

Magenta (35%)

Yellow (45%)

Black (14%)



Cyan (14%)


Magenta (44%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9396, 36.5426, 22.8794 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 42.9396, 36.5426, 22.8794 by changing the saturation by 10% instead.


 42.9396, 36.5426,
22.8794


 42.9396, 36.5426,
22.8794


349.2890,
331.3260, 280.2068


 30.0320, 24.8535,
14.3000


 78.8760, 69.8687,
49.1159

 20.0111, 15.9680,
8.1885


 102.6355, 92.2746,
67.6101

 12.5114, 9.5015,
4.1263

 130.7431,
119.0215, 90.2464

 7.1677, 5.0697,
1.6949

163.5641,
150.4939, 117.4431

 3.6144, 2.2882,
0.3572

201.4638,
187.0762, 149.6190

 1.4864, 0.7675,
0.0000

244.8076,

 0.3166, 0.0000,

229.1527, 187.1926

0.0000

293.9609,
277.1078, 230.5823

■ 0.0000, 0.0000,
0.0000

■ 42.9396, 36.5426,
22.8794

■ 42.9396, 36.5426,
22.8794

■ 39.3719, 31.3258,
15.7760

■ 47.1994, 42.6514,
31.7319

■ 36.4555, 26.9531,
10.3025

■ 52.1837, 49.6861,
42.4378

■ 34.1492, 23.3804,
6.3276

■ 57.9259, 57.6856,
55.0957

■ 32.4055, 20.5572,
3.6989

■ 64.4567, 66.6848,
69.7965

■ 31.1688, 18.4263,
2.2305

■ 71.8049, 76.7169,
86.6254

■ 30.7043, 17.5939,
1.7777

■ 79.9979, 87.8136,
105.6627

■ 83.3251, 93.9556,
108.3513

Harmonies

Analogous

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



45.8690, 36.5426, 33.6537



42.9396, 36.5426, 22.8794



37.9269, 36.5426, 17.6426

Triad

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



42.9396, 36.5426, 22.8794



25.7461, 36.5426, 31.5518



37.0449, 36.5426, 76.3846

Complementary

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



42.9396, 36.5426, 22.8794



40.7687, 49.1625, 75.0505

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.



31.7229, 36.5426, 75.3952



42.9396, 36.5426, 22.8794



25.5626, 36.5426, 46.6273

Square

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



42.9396, 36.5426, 22.8794



28.1747, 36.5426, 21.6855



27.6443, 36.5426, 63.4711



42.2366, 36.5426, 65.9008

Rectangle

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



42.9396, 36.5426, 22.8794



34.2639, 36.5426, 16.8815



27.6443, 36.5426, 63.4711



35.2056, 36.5426, 77.4475

Sweetspot

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



42.9405, 36.5444, 22.8801



82.5773, 82.8712, 80.6453



46.6092, 32.9933, 57.6711



17.2627, 17.1673, 16.3413



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.



42.9405, 36.5444, 22.8801



55.2632, 44.1407, 22.5296



51.8050, 54.2735, 25.8349



13.3004, 13.5401, 13.6381



18.0909, 10.4674, 1.0669



1.2381, 0.8103, 0.0911

Inverse Universe

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



40.7687, 49.1625, 75.0505



51.8147, 63.7992, 104.1913



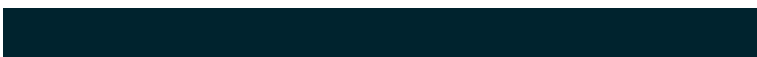
31.5590, 30.7433, 71.9806



13.1750, 14.2898, 16.7159



15.9837, 19.8368, 42.7249



1.0991, 1.4123, 2.7891

Previews

White Background



This preview shows how the XYZ color 42.9396, 36.5426, 22.8794 looks on a white background.

Color Contrast Check

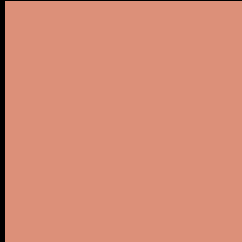
Large Text (above 18pt) WCAG AA × Fail

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 42.9396, 36.5426, 22.8794 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 42.9396, 36.5426, 22.8794

Background



This preview shows how black text looks on a background with the XYZ color 42.9396, 36.5426, 22.8794.



This preview shows how white text looks on a background with the XYZ color 42.9396, 36.5426,

22.8794.

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

42.9396, 36.5426, 22.8794

Protanopia

34.5820, 36.8048, 26.4005

Deuteranopia

37.2106, 36.4463, 22.5264



Tritanopia

45.0073, 36.4878, 33.5249

Trichromacy



Original Color

42.9396, 36.5426, 22.8794

Protanomaly

37.2051, 36.3856, 25.1409

Deuteranomaly

39.2470, 36.5090, 22.7477

Tritanomaly

44.0039, 36.2860, 29.1107

Monochromacy



Original Color

42.9396, 36.5426, 22.8794

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.1694, 36.4424, 33.0920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9396, 36.5426, 22.8794 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(220, 144, 121)` looks like.

```
.text, #text, p{  
  color:rgb(220, 144, 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(220, 144, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 144, 121) }
```

Border

The CSS property to change the border of an element to XYZ 42.9396, 36.5426, 22.8794 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(220, 144, 121) }
```


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

```
.border{ border-color:rgb(220, 144, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 144, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 144, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 144, 121); box-shadow:4px 4px 4px 4px rgb(220, 144, 121) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9396, 36.5426, 22.8794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 144, 121) }
```

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

```
.background{ background-color: rgb(220,  
144, 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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