

Converting Colors

XYZ(42.2826, 43.2289, 32.5955)

Have a look what the booklet for
XYZ(42.2826, 43.2289, 32.5955)
contains.

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Color

**XYZ(42.2922, 43.1208,
32.4797)**

Conversions

Conversions Part 1

Format	Color
Hex	C3AC90
RGB	195, 172, 144
RGB Percent	76%, 67%, 56%
CMY	0.2353, 0.3255, 0.4353
CMYK	0.00, 0.12, 0.26, 0.24
HSL	33°, 30%, 66%
HSV	33°, 26%, 76%
XYZ	42.2922, 43.1208, 32.4797
YIQ	175.6850, 22.6960, -3.8320

Conversions

Conversions Part 2

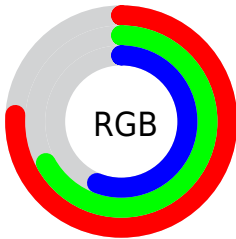
Format	Color
R_{YB}	186, 195, 144
Decimal	12823696
CIE _{Lab}	71.64, 3.97, 17.46
CIE _{LCh}	72, 17.911, 77.181
Yxy	43.1208, 0.3587, 0.3658
Android (android.graphics.Color)	4291013776 (0xFFC3AC90)
YUV	175.6850, -15.6207, 16.9393
Hunter-Lab	65.6664, 0.0460, 16.6407

Details

The XYZ color **42.2922, 43.1208, 32.4797** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.1702, 37.5057, 57.0154**, and the grayscale version is **41.1742, 43.3185, 47.1738**.

A 20% lighter version of the original color is **77.8070, 79.7108, 64.7109**, and **19.7214, 19.9038, 13.3921** is the 20% darker color. If you saturate the color by 10%, you get **39.3106, 39.3400, 24.7570**, and if you desaturate by 10%, it is **45.6443, 47.2299, 41.5970**.

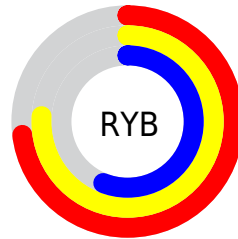
Distribution



Red (76%)

Green (67%)

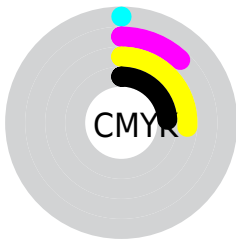
Blue (56%)



Red (73%)

Yellow (76%)

Blue (56%)

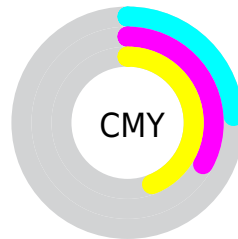


Cyan (0%)

Magenta (12%)

Yellow (26%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.2922, 43.1208, 32.4797 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 42.2922, 43.1208, 32.4797 by changing the saturation by 10% instead.


 42.2922, 43.1208,
32.4797


 42.2922, 43.1208,
32.4797


346.6638,
359.1083, 327.8585

 29.5223, 29.9799,
21.4603


 77.9041, 79.8931,
64.6690

 19.6225, 19.8233,
13.2664


 101.4767,
104.2933, 86.6759

 12.2276, 12.2667,
7.4794


129.3809,
133.2155, 113.1825

 6.9722, 6.9256,
3.6807

161.9822,
167.0439, 144.6073

 3.4909, 3.4156,
1.4519

199.6457,
206.1630, 181.3687

 1.4184, 1.3524,
0.1817

242.7369,

 0.2692, 0.1812,

250.9571, 223.8853

0.0000

291.6212,
301.8108, 272.5758

■ 0.0000, 0.0000,
0.0000

■ 42.2922, 43.1208,
32.4797

■ 42.2922, 43.1208,
32.4797

■ 39.3106, 39.3400,
24.7570

■ 45.6443, 47.2299,
41.5970

■ 36.6806, 35.8722,
18.3558

■ 49.3778, 51.6706,
52.1715

■ 34.3870, 32.7092,
13.2003

■ 53.5074, 56.4534,
64.2654

■ 32.4114, 29.8400,
9.2059

■ 58.0459, 61.5865,
77.9363

■ 30.7335, 27.2529,
6.2774

■ 63.0054, 67.0779,
93.2390

■ 29.3302, 24.9346,
4.3040

■ 67.4159, 72.5426,
105.0567

■ 28.1723, 22.8695,
3.1448

■ 69.8511, 77.4130,
105.8684

■ 27.7713, 22.1333,
2.8084

■ 72.4104, 82.5316,
106.7215

■ 75.0956, 87.9020,
107.6166

Harmonies

Analogous

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



45.0767, 43.1208, 35.7379



42.2922, 43.1208, 32.4797



39.2868, 43.1208, 32.7377

Triad

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



42.2922, 43.1208, 32.4797



35.6636, 43.1208, 52.0582



45.4119, 43.1208, 59.2388

Complementary

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



42.2922, 43.1208, 32.4797



35.1702, 37.5057, 57.0154

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.



42.7314, 43.1208, 64.7779



42.2922, 43.1208, 32.4797



37.1487, 43.1208, 60.2944

Square

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



42.2922, 43.1208, 32.4797



35.5590, 43.1208, 43.3433



39.7051, 43.1208, 65.1865



46.9367, 43.1208, 50.7540

Rectangle

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



42.2922, 43.1208, 32.4797



37.5617, 43.1208, 34.8651



39.7051, 43.1208, 65.1865



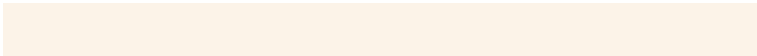
44.6103, 43.1208, 61.5502

Sweetspot

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



42.2933, 43.1228, 32.4806



87.0632, 90.9273, 89.4952



39.5285, 34.3688, 41.4990



18.8362, 19.6406, 18.9426



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.



42.2933, 43.1228, 32.4806



72.8216, 73.5529, 50.5009



46.6181, 52.4208, 34.0474



10.5213, 10.9740, 10.6255



18.1348, 14.5554, 1.8537



0.8516, 0.7650, 0.1028

Inverse Universe

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



35.1702, 37.5057, 57.0154



58.0579, 61.9128, 101.3602



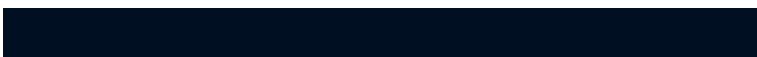
31.6249, 29.9708, 55.7479



9.8939, 10.4791, 12.7860



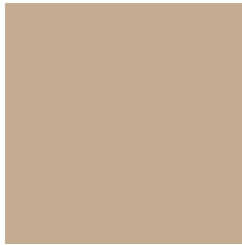
8.7478, 7.2522, 34.4954



0.4467, 0.4508, 1.5134

Previews

White Background



This preview shows how the XYZ color 42.2922, 43.1208, 32.4797 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 42.2922, 43.1208, 32.4797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

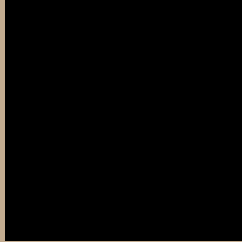
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2922, 43.1208, 32.4797

Background



This preview shows how black text looks on a background with the XYZ color 42.2922, 43.1208, 32.4797.



This preview shows how white text looks on a background with the XYZ color 42.2922, 43.1208,

32.4797.

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

42.2922, 43.1208, 32.4797

Protanopia

40.5259, 43.0496, 33.3676

Deuteranopia

43.9274, 43.1168, 32.7952



Tritanopia

45.6101, 43.0748, 49.0904

Trichromacy



Original Color

42.2922, 43.1208, 32.4797

Protanomaly

41.2332, 43.1353, 32.9408

Deuteranomaly

43.3050, 43.0731, 32.8196

Tritanomaly

44.4517, 43.1717, 42.5493

Monochromacy



Original Color

42.2922, 43.1208, 32.4797

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.5593, 43.4076, 41.3100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2922, 43.1208, 32.4797 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(195, 172, 144)` looks like.

```
.text, #text, p{  
    color:rgb(195, 172, 144)  
}
```

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(195, 172, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 172, 144) }
```

Border

The CSS property to change the border of an element to XYZ 42.2922, 43.1208, 32.4797 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(195, 172, 144) }
```


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

```
.border{ border-color:rgb(195, 172, 144) }
```

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

Here you see how a box with a 4 pixel rgb(195, 172, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 172, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 172, 144);  
box-shadow:4px 4px 4px 4px rgb(195, 172,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2922, 43.1208, 32.4797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 172, 144) }
```

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

```
.background{ background-color: rgb(195,  
172, 144) }
```

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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