

Converting Colors

XYZ(42.1132, 41.3535, 32.9566)

Have a look what the booklet for
XYZ(42.1132, 41.3535, 32.9566)
contains.

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Color

**XYZ(42.1132, 41.3535,
32.9566)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A692
RGB	198, 166, 146
RGB Percent	78%, 65%, 57%
CMY	0.2235, 0.3490, 0.4274
CMYK	0.00, 0.16, 0.26, 0.22
HSL	23°, 31%, 67%
HSV	23°, 26%, 78%
XYZ	42.1132, 41.3535, 32.9566
YIQ	173.2880, 25.4920, 0.5640

Conversions

Conversions Part 2

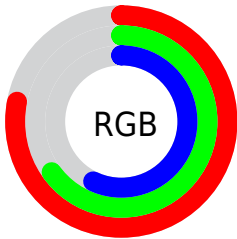
Format	Color
R _Y B	198, 179, 146
Decimal	13018770
CIE Lab	70.42, 8.67, 14.72
CIE LCh	70, 17.083, 59.511
Yxy	41.3535, 0.3617, 0.3552
Android (android.graphics.Color)	4291208850 (0xFFC6A692)
YUV	173.2880, -13.4530, 21.6724
Hunter-Lab	64.3067, 4.3595, 14.6291

Details

The XYZ color **42.1132, 41.3535, 32.9566** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.9671, 42.0278, 59.5373**, and the grayscale version is **39.9258, 42.0050, 45.7435**.

A 20% lighter version of the original color is **77.5218, 77.1430, 65.4478**, and **19.4106, 18.7005, 13.4130** is the 20% darker color. If you saturate the color by 10%, you get **38.5939, 36.5698, 24.8314**, and if you desaturate by 10%, it is **46.1113, 46.6674, 42.5584**.

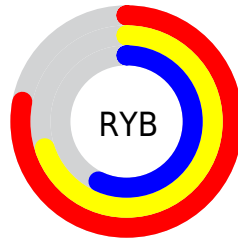
Distribution



Red (78%)

Green (65%)

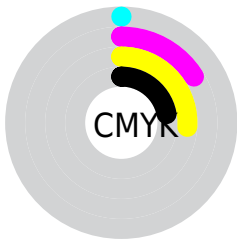
Blue (57%)



Red (78%)

Yellow (70%)

Blue (57%)

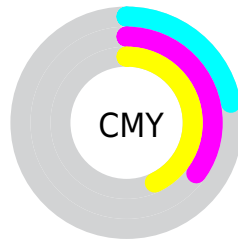


Cyan (0%)

Magenta (16%)

Yellow (26%)

Black (22%)



Cyan (22%)


Magenta (35%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1132, 41.3535, 32.9566 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 42.1132, 41.3535, 32.9566 by changing the saturation by 10% instead.


 42.1132, 41.3535,
32.9566


 42.1132, 41.3535,
32.9566


345.9356,
351.7959, 330.0801

 29.3814, 28.5954,
21.8224


 77.6350, 77.2202,
65.4230

 19.5153, 18.7750,
13.5294


 101.1558,
101.0977, 87.5922

 12.1494, 11.5078,
7.6591


129.0036,
129.4503, 114.2769

 6.9184, 6.4095,
3.7930

161.5438,
162.6626, 145.8955

 3.4570, 3.0956,
1.5125

199.1417,
201.1189, 182.8665

 1.3998, 1.1819,
0.2272

242.1628,

 0.2561, 0.0468,

245.2036, 225.6087

0.0000

290.9723,
295.3012, 274.5403

■ 0.0000, 0.0000,
0.0000

■ 42.1132, 41.3535,
32.9566

■ 42.1132, 41.3535,
32.9566

■ 38.5939, 36.5698,
24.8314

■ 46.1113, 46.6674,
42.5584

■ 35.5305, 32.2934,
18.1060

■ 50.6033, 52.5219,
53.7032

■ 32.9032, 28.5082,
12.7001

■ 55.6076, 58.9346,
66.4567

■ 30.6890, 25.1948,
8.5246

■ 61.1405, 65.9203,
80.8798

■ 28.8626, 22.3324,
5.4788

■ 67.2178, 73.4932,
97.0303

■ 27.3950, 19.8981,
3.4460

■ 72.2356, 81.0195,
106.4388

■ 26.2512, 17.8658,
2.2774

■ 75.9256, 88.3995,
107.6688

■ 25.8849, 17.1980,
1.9553

■ 77.0988, 90.7458,
108.0599

Harmonies

Analogous

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



44.2015, 41.3535, 37.8210



42.1132, 41.3535, 32.9566



39.3514, 41.3535, 31.2483

Triad

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



42.1132, 41.3535, 32.9566



34.1421, 41.3535, 44.8950



42.0296, 41.3535, 59.8938

Complementary

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



42.1132, 41.3535, 32.9566



37.9671, 42.0278, 59.5373

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.



39.2592, 41.3535, 62.3563



42.1132, 41.3535, 32.9566



34.7846, 41.3535, 53.0946

Square

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



42.1132, 41.3535, 32.9566



34.8272, 41.3535, 37.6176



36.6250, 41.3535, 59.7342



44.1517, 41.3535, 53.3503

Rectangle

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



42.1132, 41.3535, 32.9566



37.5267, 41.3535, 31.9501



36.6250, 41.3535, 59.7342



41.1391, 41.3535, 61.2586

Sweetspot

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



42.1143, 41.3554, 32.9575



88.0632, 91.0062, 91.2191



41.6105, 35.7811, 46.8683



18.5822, 19.1326, 18.8579



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.



42.1143, 41.3554, 32.9575



70.6029, 67.8553, 49.1146



47.3123, 51.7513, 34.6901



10.9628, 11.2947, 11.1651



16.9107, 11.3385, 1.2973



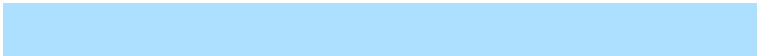
0.8706, 0.6766, 0.0847

Inverse Universe

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



37.9671, 42.0278, 59.5373



61.9229, 69.2514, 104.7109



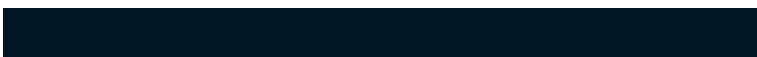
33.2867, 32.6669, 57.9771



10.5908, 11.3557, 13.5512



11.2262, 11.8463, 36.4392



0.6001, 0.6981, 1.7483

Previews

White Background



This preview shows how the XYZ color 42.1132, 41.3535, 32.9566 looks on a white background.

Color Contrast Check

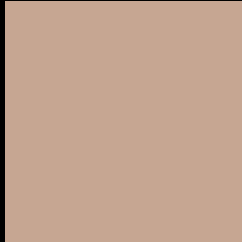
Large Text (above 18pt) WCAG AA × Fail

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 42.1132, 41.3535, 32.9566 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 42.1132, 41.3535, 32.9566

Background



This preview shows how black text looks on a background with the XYZ color 42.1132, 41.3535, 32.9566.



This preview shows how white text looks on a background with the XYZ color 42.1132, 41.3535,

32.9566.

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

42.1132, 41.3535, 32.9566

Protanopia

39.2334, 41.4987, 34.3760

Deuteranopia

42.1132, 41.3535, 32.9566



Tritanopia

44.6477, 41.3142, 45.6656

Trichromacy



Original Color

42.1132, 41.3535, 32.9566

Protanomaly

40.2135, 41.4524, 33.8986

Deuteranomaly

42.1132, 41.3535, 32.9566

Tritanomaly

43.6175, 41.1541, 40.7666

Monochromacy



Original Color

42.1132, 41.3535, 32.9566

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.2770, 41.3389, 40.5067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1132, 41.3535, 32.9566 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(198, 166, 146)` looks like.

```
.text, #text, p{  
    color:rgb(198, 166, 146)  
}
```

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(198, 166, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 166, 146) }
```

Border

The CSS property to change the border of an element to XYZ 42.1132, 41.3535, 32.9566 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(198, 166, 146) }
```


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

```
.border{ border-color:rgb(198, 166, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 166, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 166, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 166, 146);  
box-shadow:4px 4px 4px 4px rgb(198, 166,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1132, 41.3535, 32.9566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 166, 146) }
```

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

```
.background{ background-color: rgb(198,  
166, 146) }
```

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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