

Converting Colors

XYZ(42.0429, 41.3353, 32.5510)

Have a look what the booklet for
XYZ(42.0429, 41.3353, 32.5510)
contains.

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Color

**XYZ(42.0358, 41.3225,
32.5486)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A691
RGB	198, 166, 145
RGB Percent	78%, 65%, 57%
CMY	0.2235, 0.3490, 0.4314
CMYK	0.00, 0.16, 0.27, 0.22
HSL	24°, 32%, 67%
HSV	24°, 27%, 78%
XYZ	42.0358, 41.3225, 32.5486
YIQ	173.1740, 25.8130, 0.2530

Conversions

Conversions Part 2

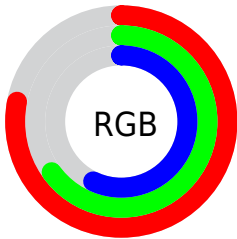
Format	Color
R _Y B	198, 180, 145
Decimal	13018769
CIE Lab	70.40, 8.53, 15.24
CIE LCh	70, 17.463, 60.773
Yxy	41.3225, 0.3627, 0.3565
Android (android.graphics.Color)	4291208849 (0xFFC6A691)
YUV	173.1740, -13.8898, 21.7724
Hunter-Lab	64.2826, 4.2306, 14.9771

Details

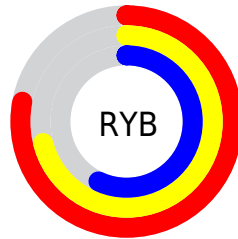
The XYZ color **42.0358, 41.3225, 32.5486** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.5920, 41.5403, 59.4632**, and the grayscale version is **39.8696, 41.9459, 45.6791**.

A 20% lighter version of the original color is **77.4053, 77.0964, 64.8342**, and **19.4106, 18.7005, 13.4130** is the 20% darker color. If you saturate the color by 10%, you get **38.5675, 36.6198, 24.5052**, and if you desaturate by 10%, it is **45.9744, 46.5394, 42.0625**.

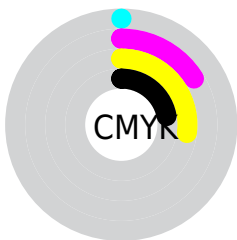
Distribution



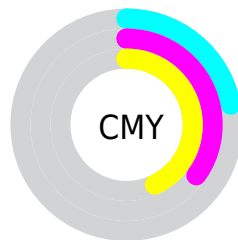
- Red (78%)
- Green (65%)
- Blue (57%)



- Red (78%)
- Yellow (71%)
- Blue (57%)



- Cyan (0%)
- Magenta (16%)
- Yellow (27%)
- Black (22%)





- Cyan (22%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0358, 41.3225, 32.5486 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 42.0358, 41.3225, 32.5486 by changing the saturation by 10% instead.


 42.0358, 41.3225,
32.5486


 42.0358, 41.3225,
32.5486


345.6204,
351.6667, 328.1802

 29.3206, 28.5712,
21.5126


 77.5186, 77.1732,
64.7780

 19.4690, 18.7567,
13.3043


 101.0169,
101.0414, 86.8085

 12.1156, 11.4946,
7.5052

128.8403,
129.3840, 113.3409

 6.8952, 6.4005,
3.6968

161.3541,
162.5853, 144.7937

 3.4424, 3.0901,
1.4605

198.9236,
201.0299, 181.5855

 1.3918, 1.1790,
0.1883

241.9143,

 0.2504, 0.0444,

245.1021, 224.1348

0.0000

290.6914,
295.1862, 272.8602

■ 0.0000, 0.0000,
0.0000

■ 42.0358, 41.3225,
32.5486

■ 42.0358, 41.3225,
32.5486

■ 38.5675, 36.6198,
24.5052

■ 45.9744, 46.5394,
42.0625

■ 35.5469, 32.4092,
17.8551

■ 50.3981, 52.2804,
53.1136

■ 32.9544, 28.6751,
12.5181

■ 55.3250, 58.5625,
65.7673

■ 30.7674, 25.3988,
8.4044

■ 60.7714, 65.3998,
80.0849

■ 28.9606, 22.5603,
5.4131

■ 66.7526, 72.8062,
96.1241

■ 27.5056, 20.1374,
3.4263

■ 71.8334, 80.2149,
106.3047

■ 26.3663, 18.1045,
2.2887

■ 75.4246, 87.3974,
107.5018

■ 26.0465, 17.5212,
2.0091

■ 77.0989, 90.7458,
108.0599

Harmonies

Analogous

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



44.2168, 41.3225, 37.3731



42.0358, 41.3225, 32.5486



39.2013, 41.3225, 30.9532

Triad

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



42.0358, 41.3225, 32.5486



34.0061, 41.3225, 45.2070



42.1710, 41.3225, 60.0042

Complementary

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



42.0358, 41.3225, 32.5486



37.5920, 41.5403, 59.4632

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.



39.3504, 41.3225, 62.7425



42.0358, 41.3225, 32.5486



34.7173, 41.3225, 53.5845

Square

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



42.0358, 41.3225, 32.5486



34.6487, 41.3225, 37.7008



36.6393, 41.3225, 60.2633



44.2976, 41.3225, 53.1701

Rectangle

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



42.0358, 41.3225, 32.5486



37.3486, 41.3225, 31.7606



36.6393, 41.3225, 60.2633



41.2682, 41.3225, 61.4690

Sweetspot

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



42.0369, 41.3244, 32.5495



88.1339, 91.1475, 91.2427



41.4187, 35.4588, 46.6147



18.6000, 19.1681, 18.8638



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.



42.0369, 41.3244, 32.5495



70.8298, 68.3091, 49.1902



47.2094, 51.6693, 34.2736



10.9730, 11.3151, 11.1685



17.0170, 11.5511, 1.3327



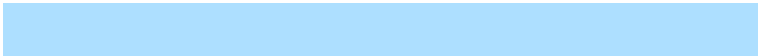
0.8762, 0.6878, 0.0866

Inverse Universe

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



37.5920, 41.5403, 59.4632



61.6697, 68.7450, 104.6265



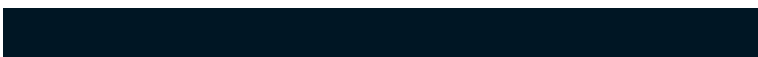
32.9668, 32.2898, 57.9215



10.5804, 11.3348, 13.5477



11.0457, 11.4854, 36.3791



0.5923, 0.6824, 1.7456

Previews

White Background



This preview shows how the XYZ color 42.0358, 41.3225, 32.5486 looks on a white background.

Color Contrast Check

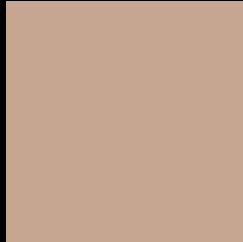
Large Text (above 18pt) WCAG AA × Fail

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 42.0358, 41.3225, 32.5486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

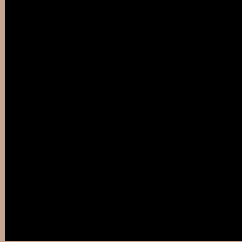
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0358, 41.3225, 32.5486

Background



This preview shows how black text looks on a background with the XYZ color 42.0358, 41.3225, 32.5486.



This preview shows how white text looks on a background with the XYZ color 42.0358, 41.3225,

32.5486.

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

42.0358, 41.3225, 32.5486

Protanopia

39.1539, 41.4669, 33.9573

Deuteranopia

42.3002, 41.4589, 32.5610



Tritanopia

44.6477, 41.3142, 45.6656

Trichromacy



Original Color

42.0358, 41.3225, 32.5486

Protanomaly

40.1347, 41.4208, 33.4835

Deuteranomaly

42.3002, 41.4589, 32.5610

Tritanomaly

43.5275, 41.1181, 40.2928

Monochromacy



Original Color

42.0358, 41.3225, 32.5486

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 42.0358, 41.3225, 32.5486 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(198, 166, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 166, 145) }
```

Border

The CSS property to change the border of an element to XYZ 42.0358, 41.3225, 32.5486 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, 145) }
```


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

```
.border{ border-color:rgb(198, 166, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 166, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 166, 145);  
box-shadow:4px 4px 4px 4px rgb(198, 166,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0358, 41.3225, 32.5486 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, 145) }
```

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

```
.background{ background-color: rgb(198,  
166, 145) }
```

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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