

Converting Colors

XYZ(45.1977, 42.1289, 32.8273)

Have a look what the booklet for
XYZ(45.1977, 42.1289, 32.8273)
contains.

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Color

**XYZ(45.1495, 42.1186,
32.9442)**

Conversions

Conversions Part 1

Format	Color
Hex	D3A392
RGB	211, 163, 146
RGB Percent	83%, 64%, 57%
CMY	0.1725, 0.3608, 0.4274
CMYK	0.00, 0.23, 0.31, 0.17
HSL	16°, 42%, 70%
HSV	16°, 31%, 83%
XYZ	45.1495, 42.1186, 32.9442
YIQ	175.4140, 34.0650, 4.8890

Conversions

Conversions Part 2

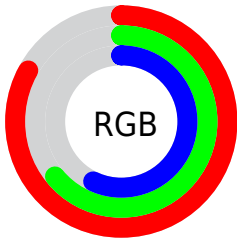
Format	Color
R _Y B	211, 169, 146
Decimal	13869970
CIE Lab	70.95, 15.33, 15.65
CIE LCh	71, 21.910, 45.588
Yxy	42.1186, 0.3756, 0.3504
Android (android.graphics.Color)	4292060050 (0xFFD3A392)
YUV	175.4140, -14.5011, 31.2089
Hunter-Lab	64.8988, 10.6078, 15.3322

Details

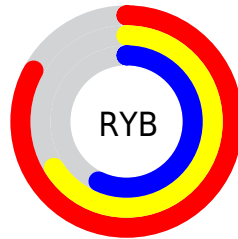
The XYZ color **45.1495, 42.1186, 32.9442** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.9032, 49.3962, 68.9014**, and the grayscale version is **41.0235, 43.1599, 47.0012**.

A 20% lighter version of the original color is **76.7367, 75.5729, 65.1862**, and **21.2676, 19.1637, 13.4045** is the 20% darker color. If you saturate the color by 10%, you get **41.0594, 36.3270, 24.2167**, and if you desaturate by 10%, it is **49.8856, 48.7170, 43.3824**.

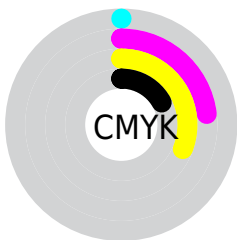
Distribution



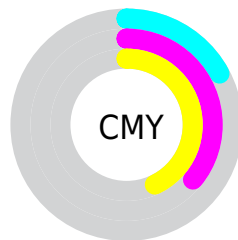
- Red (83%)
- Green (64%)
- Blue (57%)



- Red (83%)
- Yellow (66%)
- Blue (57%)



- Cyan (0%)
- Magenta (23%)
- Yellow (31%)
- Black (17%)





- Cyan (17%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.1495, 42.1186, 32.9442 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 45.1495, 42.1186, 32.9442 by changing the saturation by 10% instead.


 45.1495, 42.1186,
32.9442

 45.1495, 42.1186,
32.9442


358.1522,
354.9743, 330.0225

 31.7770, 29.1942,
21.8129


 82.1804, 78.3791,
65.4034

 21.3459, 19.2278,
13.5225


 106.5695,
102.4839, 87.5684

 13.4910, 11.8350,
7.6544


135.3614,
131.0844, 114.2485

 7.8468, 6.6314,
3.7900

168.9217,
164.5648, 145.8620

 4.0481, 3.2327,
1.5109

207.6155,
203.3096, 182.8277

 1.7294, 1.2544,
0.2260

251.8083,

 0.4745, 0.1055,

247.7032, 225.5639

0.0000

301.8654,
298.1300, 274.4894

■ 0.0000, 0.0000,
0.0000

■ 45.1495, 42.1186,
32.9442

■ 45.1495, 42.1186,
32.9442

■ 41.0594, 36.3270,
24.2167

■ 49.8856, 48.7170,
43.3824

■ 37.5829, 31.3049,
17.1054

■ 55.2916, 56.1458,
55.6139

■ 34.6898, 27.0208,
11.5104

■ 61.3939, 64.4351,
69.7189

■ 32.3458, 23.4386,
7.3196

■ 68.2169, 73.6116,
85.7719

■ 30.5124, 20.5190,
4.4049

■ 75.7834, 83.7007,
103.8434

■ 29.1456, 18.2184,
2.6146

■ 80.6741, 92.5889,
108.2272

■ 28.2397, 16.6002,
1.7158

Harmonies

Analogous

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



47.1830, 42.1186, 40.6663



45.1495, 42.1186, 32.9442



41.8055, 42.1186, 29.0121

Triad

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



45.1495, 42.1186, 32.9442



33.6103, 42.1186, 41.0353



41.9489, 42.1186, 68.0820

Complementary

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



45.1495, 42.1186, 32.9442



42.9032, 49.3962, 68.9014

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.



38.3103, 42.1186, 68.2211



45.1495, 42.1186, 32.9442



33.6435, 42.1186, 51.4781

Square

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



45.1495, 42.1186, 32.9442



35.2238, 42.1186, 33.1788



35.3174, 42.1186, 61.7748



45.2600, 42.1186, 61.4195

Rectangle

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



45.1495, 42.1186, 32.9442



39.3527, 42.1186, 28.6180



35.3174, 42.1186, 61.7748



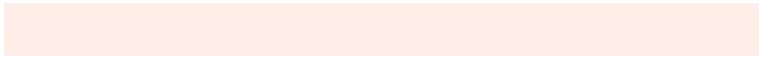
40.7200, 42.1186, 68.9236

Sweetspot

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



45.1506, 42.1206, 32.9451



86.4028, 88.2695, 88.8650



46.9653, 38.3360, 56.4063



18.2126, 18.5097, 18.3762



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.



45.1506, 42.1206, 32.9451



65.0608, 58.6580, 41.4497



51.5117, 54.8428, 35.0654



12.0566, 12.3040, 12.3515



17.1141, 10.1612, 1.0593



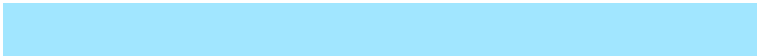
1.0225, 0.6992, 0.0811

Inverse Universe

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



42.9032, 49.3962, 68.9014



61.0628, 71.5313, 105.1963



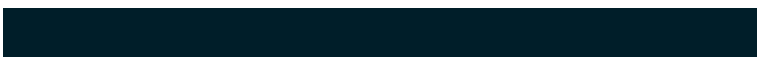
36.5768, 36.7435, 66.7926



11.8858, 12.8618, 15.0998



14.3377, 17.3219, 39.7803



0.8642, 1.0937, 2.2451

Previews

White Background



This preview shows how the XYZ color 45.1495, 42.1186, 32.9442 looks on a white background.

Color Contrast Check

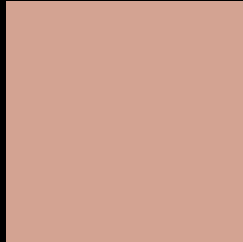
Large Text (above 18pt) WCAG AA × Fail

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 45.1495, 42.1186, 32.9442 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 45.1495, 42.1186, 32.9442

Background



This preview shows how black text looks on a background with the XYZ color 45.1495, 42.1186, 32.9442.



This preview shows how white text looks on a background with the XYZ color 45.1495, 42.1186,

32.9442.

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

45.1495, 42.1186, 32.9442

Protanopia

39.8209, 42.0666, 35.2990

Deuteranopia

43.0169, 42.0993, 32.6468



Tritanopia

47.5761, 42.0710, 44.6427

Trichromacy



Original Color

45.1495, 42.1186, 32.9442

Protanomaly

41.6051, 41.8833, 34.3252

Deuteranomaly

43.9239, 42.2959, 32.6370

Tritanomaly

46.6222, 41.9321, 40.2868

Monochromacy



Original Color

45.1495, 42.1186, 32.9442

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.0028, 42.4975, 41.1110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1495, 42.1186, 32.9442 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(211, 163, 146)` looks like.

```
.text, #text, p{  
    color:rgb(211, 163, 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(211, 163, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 163, 146) }
```

Border

The CSS property to change the border of an element to XYZ 45.1495, 42.1186, 32.9442 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(211, 163, 146) }
```


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

```
.border{ border-color:rgb(211, 163, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 163, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 163, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 163, 146);  
box-shadow:4px 4px 4px 4px rgb(211, 163,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1495, 42.1186, 32.9442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 163, 146) }
```

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

```
.background{ background-color: rgb(211,  
163, 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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