

Converting Colors

XYZ(43.2739, 36.6320, 23.4756)

Have a look what the booklet for
XYZ(43.2739, 36.6320, 23.4756)
contains.

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Color

**XYZ(43.3672, 36.7487,
23.5464)**

Conversions

Conversions Part 1

Format	Color
Hex	DD907B
RGB	221, 144, 123
RGB Percent	87%, 56%, 48%
CMY	0.1333, 0.4353, 0.5176
CMYK	0.00, 0.35, 0.44, 0.13
HSL	13°, 59%, 67%
HSV	13°, 44%, 87%
XYZ	43.3672, 36.7487, 23.5464
YIQ	164.6290, 52.6330, 9.7930

Conversions

Conversions Part 2

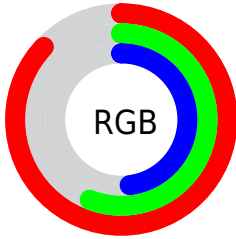
Format	Color
R_{YB}	221, 150, 123
Decimal	14520443
CIE _{Lab}	67.09, 26.79, 23.21
CIE _{LCh}	67, 35.443, 40.904
Yxy	36.7487, 0.4184, 0.3545
Android (android.graphics.Color)	4292710523 (0xFFDD907B)
YUV	164.6290, -20.5231, 49.4374
Hunter-Lab	60.6207, 21.6102, 19.4050

Details

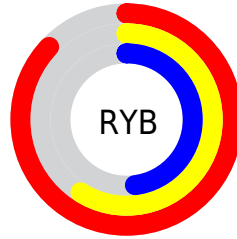
The XYZ color **43.3672, 36.7487, 23.5464** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **41.8729, 50.7378, 75.9930**, and the grayscale version is **35.6648, 37.5222, 40.8616**.

A 20% lighter version of the original color is **69.2706, 64.7828, 49.9277**, and **20.2546, 16.1096, 8.5205** is the 20% darker color. If you saturate the color by 10%, you get **39.7062, 31.3964, 16.2539**, and if you desaturate by 10%, it is **47.7469, 43.0385, 32.6197**.

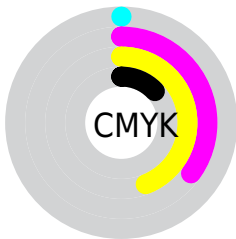
Distribution



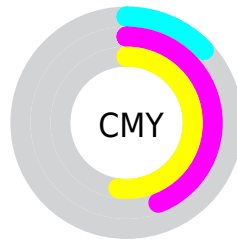
- Red (87%)
- Green (56%)
- Blue (48%)



- Red (87%)
- Yellow (59%)
- Blue (48%)



- Cyan (0%)
- Magenta (35%)
- Yellow (44%)
- Black (13%)





- Cyan (13%)
- Magenta (44%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3672, 36.7487, 23.5464 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 43.3672, 36.7487, 23.5464 by changing the saturation by 10% instead.


 43.3672, 36.7487,
23.5464


 43.3672, 36.7487,
23.5464

351.0157,
332.2212, 283.7315


 30.3691, 25.0130,
14.7884


 79.5169, 70.1861,
50.2235

 20.2684, 16.0867,
8.5260


 103.3993, 92.6566,
68.9797

 12.6997, 9.5855,
4.3408


 131.6405,
119.4741, 91.9056

 7.2976, 5.1250,
1.8141

164.6058,
151.0231, 119.4199

 3.6969, 2.3208,
0.4372

202.6606,
187.6879, 151.9411

 1.5321, 0.7847,
0.0000

246.1703,

 0.3475, 0.0000,

229.8529, 189.8878

0.0000

295.5002,
277.9026, 233.6784

0.0000, 0.0000,
0.0000

43.3672, 36.7487,
23.5464

43.3672, 36.7487,
23.5464

39.7062, 31.3964,
16.2539

47.7469, 43.0385,
32.6197

36.7213, 26.9308,
10.6220

52.8789, 50.3025,
43.5792

34.3697, 23.3044,
6.5186


58.7982, 58.5822,
56.5242


32.6021, 20.4629,
3.7907


65.5367, 67.9149,
71.5468

31.3608, 18.3450,
2.2522

73.1245, 78.3361,
88.7330

 30.8500, 17.4347,
1.7393

 81.4930, 89.8407,
107.6536

 83.6288, 94.1121,
108.3655

Harmonies

Analogous

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



46.1331, 36.7487, 34.6537



43.3672, 36.7487, 23.5464



38.4321, 36.7487, 17.9982

Triad

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



43.3672, 36.7487, 23.5464



26.0169, 36.7487, 31.0623



36.9272, 36.7487, 76.8350

Complementary

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



43.3672, 36.7487, 23.5464



41.8729, 50.7378, 75.9930

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.



31.6446, 36.7487, 75.1512



43.3672, 36.7487, 23.5464



25.7031, 36.7487, 45.8984

Square

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



43.3672, 36.7487, 23.5464



28.5687, 36.7487, 21.5021



27.6624, 36.7487, 62.7809



42.1684, 36.7487, 66.9190

Rectangle

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



43.3672, 36.7487, 23.5464



34.7651, 36.7487, 17.0579



27.6624, 36.7487, 62.7809



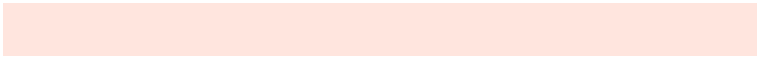
35.0925, 36.7487, 77.6607

Sweetspot

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



43.3681, 36.7505, 23.5471



82.4116, 82.5397, 80.5901



47.4916, 33.7743, 59.5215



17.2223, 17.0864, 16.3278



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.



43.3681, 36.7505, 23.5471



55.3397, 44.0496, 23.3073



52.1560, 54.3262, 26.4764



13.2811, 13.5016, 13.6317



17.9889, 10.2634, 1.0329



1.2290, 0.7921, 0.0881

Inverse Universe

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



41.8729, 50.7378, 75.9930



52.9801, 65.6128, 104.4799



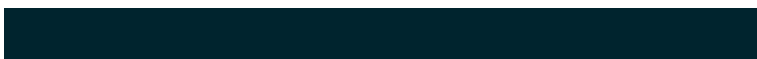
32.5131, 32.0183, 72.8730



13.1957, 14.3311, 16.7228



16.4188, 20.7070, 42.8699



1.1239, 1.4620, 2.7974

Previews

White Background



This preview shows how the XYZ color 43.3672, 36.7487, 23.5464 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 43.3672, 36.7487, 23.5464 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 43.3672, 36.7487, 23.5464

Background



This preview shows how black text looks on a background with the XYZ color 43.3672, 36.7487, 23.5464.



This preview shows how white text looks on a background with the XYZ color 43.3672, 36.7487,

23.5464.

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

43.3672, 36.7487, 23.5464

Protanopia

34.7176, 36.8590, 27.1145

Deuteranopia

37.7563, 36.9638, 23.2339



Tritanopia

45.3954, 36.6785, 33.9652

Trichromacy



Original Color

43.3672, 36.7487, 23.5464

Protanomaly

37.3368, 36.4383, 25.8343

Deuteranomaly

39.6429, 36.6990, 23.4066

Tritanomaly

44.4568, 36.5024, 29.9018

Monochromacy



Original Color

43.3672, 36.7487, 23.5464

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.5696, 36.6302, 33.9444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3672, 36.7487, 23.5464 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(221, 144, 123)` looks like.

```
.text, #text, p{  
    color:rgb(221, 144, 123)  
}
```

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(221, 144, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 144, 123) }
```

Border

The CSS property to change the border of an element to XYZ 43.3672, 36.7487, 23.5464 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(221, 144, 123) }
```


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

```
.border{ border-color:rgb(221, 144, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 144, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 144, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 144, 123);  
box-shadow:4px 4px 4px 4px rgb(221, 144,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3672, 36.7487, 23.5464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 144, 123) }
```

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

```
.background{ background-color: rgb(221,  
144, 123) }
```

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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