

Converting Colors

XYZ(43.7667, 36.7380, 23.1967)

Have a look what the booklet for
XYZ(43.7667, 36.7380, 23.1967)
contains.

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Color

**XYZ(43.7667, 36.7380,
23.1967)**

Conversions

Conversions Part 1

Format	Color
Hex	DF8F7A
RGB	223, 143, 122
RGB Percent	87%, 56%, 48%
CMY	0.1255, 0.4392, 0.5216
CMYK	0.00, 0.36, 0.45, 0.13
HSL	12°, 61%, 68%
HSV	12°, 45%, 87%
XYZ	43.7667, 36.7380, 23.1967
YIQ	164.5260, 54.4210, 10.4290

Conversions

Conversions Part 2

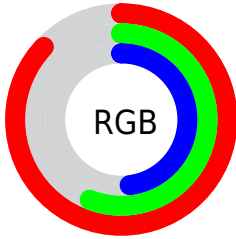
Format	Color
R _{YB}	223, 149, 122
Decimal	14651258
CIE Lab	67.08, 28.00, 23.79
CIE LCh	67, 36.744, 40.353
Yxy	36.7380, 0.4220, 0.3543
Android (android.graphics.Color)	4292841338 (0xFFDF8F7A)
YUV	164.5260, -20.9653, 51.2817
Hunter-Lab	60.6119, 22.8207, 19.7375

Details

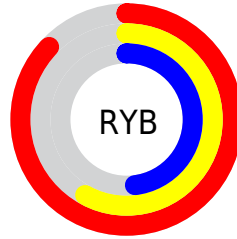
The XYZ color **43.7667, 36.7380, 23.1967** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **42.4648, 51.7040, 77.5536**, and the grayscale version is **35.6170, 37.4718, 40.8068**.

A 20% lighter version of the original color is **68.9441, 64.2877, 49.3324**, and **20.5468, 16.1347, 8.3347** is the 20% darker color. If you saturate the color by 10%, you get **40.0944, 31.3567, 15.9201**, and if you desaturate by 10%, it is **48.1754, 43.0847, 32.2834**.

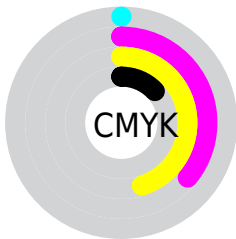
Distribution



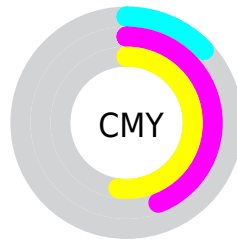
- Red (87%)
- Green (56%)
- Blue (48%)



- Red (87%)
- Yellow (58%)
- Blue (48%)



- Cyan (0%)
- Magenta (36%)
- Yellow (45%)
- Black (13%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7667, 36.7380, 23.1967 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 43.7667, 36.7380, 23.1967 by changing the saturation by 10% instead.


 43.7667, 36.7380,
23.1967


 43.7667, 36.7380,
23.1967


352.6237,
332.1748, 281.8883

 30.6843, 25.0047,
14.5322


 80.1151, 70.1696,
49.6434

 20.5092, 16.0806,
8.3487

 104.1118, 92.6368,
68.2626

 12.8761, 9.5812,
4.2279

 132.4772,
119.4506, 91.0371

 7.4197, 5.1222,
1.7512

165.5768,
150.9956, 118.3855

 3.7746, 2.3191,
0.3955

203.7759,
187.6562, 150.7263

 1.5754, 0.7838,
0.0000

247.4398,

 0.3763, 0.0000,

229.8166, 188.4780

0.0000

296.9340,
277.8614, 232.0591

■ 0.0000, 0.0000,
0.0000

■ 43.7667, 36.7380,
23.1967

■ 43.7667, 36.7380,
23.1967

■ 40.0944, 31.3567,
15.9201

■ 48.1754, 43.0847,
32.2834

■ 37.1141, 26.8875,
10.3294

■ 53.3558, 50.4357,
43.2891

■ 34.7812, 23.2803,
6.2875

■ 59.3442, 58.8343,
56.3162

■ 33.0436, 20.4777,
3.6353

■ 66.1737, 68.3198,
71.4595

■ 31.8406, 18.4144,
2.1778

■ 73.8757, 78.9293,
88.8078

■ 31.4232, 17.6716,
1.7548

■ 82.3506, 90.6464,
107.7639

■ 84.2413, 94.4279,
108.3942

Harmonies

Analogous

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



46.5951, 36.7380, 34.7203



43.7667, 36.7380, 23.1967



38.6584, 36.7380, 17.4501

Triad

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



43.7667, 36.7380, 23.1967



25.7422, 36.7380, 30.5185



36.8859, 36.7380, 78.5675

Complementary

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



43.7667, 36.7380, 23.1967



42.4648, 51.7040, 77.5536

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.



31.4277, 36.7380, 76.5603



43.7667, 36.7380, 23.1967



25.3761, 36.7380, 45.7926

Square

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



43.7667, 36.7380, 23.1967



28.4108, 36.7380, 20.8296



27.3510, 36.7380, 63.4274



42.3507, 36.7380, 68.3449

Rectangle

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



43.7667, 36.7380, 23.1967



34.8521, 36.7380, 16.4398



27.3510, 36.7380, 63.4274



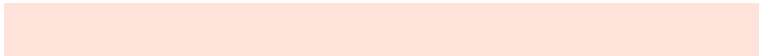
34.9847, 36.7380, 79.3553

Sweetspot

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



43.7676, 36.7398, 23.1974



81.4595, 81.1779, 78.6006



48.1467, 33.9095, 60.3826



17.0314, 16.8113, 15.9353



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.



43.7676, 36.7398, 23.1974



54.7378, 43.0900, 22.3545



52.9480, 55.1006, 26.2575



13.9370, 14.1600, 14.3054



18.5422, 10.5222, 1.0537



1.3496, 0.8581, 0.0945

Inverse Universe

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



42.4648, 51.7040, 77.5536



52.7215, 65.6127, 104.4935



32.6225, 32.0196, 74.2728



13.8619, 15.0629, 17.5645



17.1160, 21.7015, 44.3351



1.2480, 1.6274, 3.0936

Previews

White Background



This preview shows how the XYZ color 43.7667, 36.7380, 23.1967 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 43.7667, 36.7380, 23.1967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

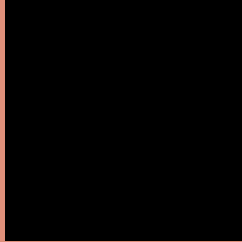
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7667, 36.7380, 23.1967

Background



This preview shows how black text looks on a background with the XYZ color 43.7667, 36.7380, 23.1967.



This preview shows how white text looks on a background with the XYZ color 43.7667, 36.7380,

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

43.7667, 36.7380, 23.1967

Protanopia

34.6495, 36.8317, 26.7557

Deuteranopia

37.6349, 36.9152, 22.5945



Tritanopia

45.7088, 36.6427, 33.0974

Trichromacy



Original Color

43.7667, 36.7380, 23.1967

Protanomaly

37.5230, 36.5419, 25.4977

Deuteranomaly

39.7952, 36.7917, 22.7734

Tritanomaly

44.7788, 36.4675, 29.1049

Monochromacy



Original Color

43.7667, 36.7380, 23.1967

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.7315, 36.7230, 33.5333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7667, 36.7380, 23.1967 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(223, 143, 122)` looks like.

```
.text, #text, p{  
    color:rgb(223, 143, 122)  
}
```

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(223, 143, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 143, 122) }
```

Border

The CSS property to change the border of an element to XYZ 43.7667, 36.7380, 23.1967 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(223, 143, 122) }
```


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

```
.border{ border-color:rgb(223, 143, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 143, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 143, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 143, 122);  
box-shadow:4px 4px 4px 4px rgb(223, 143,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7667, 36.7380, 23.1967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 143, 122) }
```

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

```
.background{ background-color: rgb(223,  
143, 122) }
```

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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