

Converting Colors

XYZ(42.2173, 41.8450, 43.5978)

Have a look what the booklet for
XYZ(42.2173, 41.8450, 43.5978)
contains.

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Color

**XYZ(42.1503, 41.6887,
43.3613)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA8A9
RGB	189, 168, 169
RGB Percent	74%, 66%, 66%
CMY	0.2588, 0.3412, 0.3373
CMYK	0.00, 0.11, 0.11, 0.26
HSL	357°, 14%, 70%
HSV	357°, 11%, 74%
XYZ	42.1503, 41.6887, 43.3613
YIQ	174.3930, 12.1950, 4.7630

Conversions

Conversions Part 2

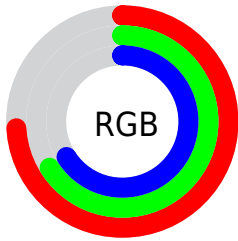
Format	Color
R_{YB}	189, 168, 169
Decimal	12429481
CIE Lab	70.66, 7.78, 2.26
CIE LCh	71, 8.098, 16.220
Yxy	41.6887, 0.3314, 0.3277
Android (android.graphics.Color)	4290619561 (0xFFBDA8A9)
YUV	174.3930, -2.6587, 12.8103
Hunter-Lab	64.5668, 3.5360, 5.3792

Details

The XYZ color **42.1503, 41.6887, 43.3613** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.4247, 48.3518, 54.6234**, and the grayscale version is **40.4441, 42.5503, 46.3373**.

A 20% lighter version of the original color is **77.4984, 77.5696, 81.4088**, and **19.6096, 19.0094, 19.4653** is the 20% darker color. If you saturate the color by 10%, you get **37.3362, 34.5812, 33.9844**, and if you desaturate by 10%, it is **47.7066, 49.9072, 54.1348**.

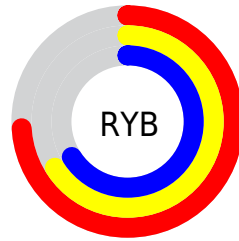
Distribution



Red (74%)

Green (66%)

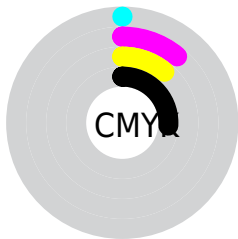
Blue (66%)



Red (74%)

Yellow (66%)

Blue (66%)

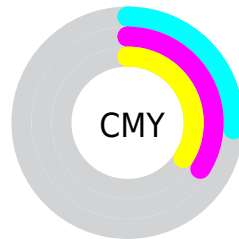


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (26%)



Cyan (26%)

Magenta (34%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1503, 41.6887, 43.3613 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 42.1503, 41.6887, 43.3613 by changing the saturation by 10% instead.


 42.1503, 41.6887,
43.3613


 42.1503, 41.6887,
43.3613


346.0866,
353.1909, 376.0603

 29.4106, 28.8576,
29.8352


 77.6908, 77.7283,
81.5480

 19.5375, 18.9731,
19.4625


 101.2223,
101.7055, 107.0457

 12.1656, 11.6509,
11.8248


129.0818,
130.1670, 137.3709

 6.9296, 6.5064,
6.5034

161.6347,
163.4970, 172.9424

 3.4640, 3.1554,
3.0798

199.2462,
202.0800, 214.1785

 1.4036, 1.2134,
1.1355

242.2818,

 0.2588, 0.0726,

246.3004, 261.4978

0.0000

291.1069,
296.5426, 315.3189

■ 0.0000, 0.0000,
0.0000

■ 42.1503, 41.6887,
43.3613

■ 42.1503, 41.6887,
43.3613

■ 37.3362, 34.5812,
33.9844

■ 47.7066, 49.9072,
54.1348

■ 33.2296, 28.5320,
25.9444

■ 54.0311, 59.2758,
66.3559

■ 29.7982, 23.4920,
19.1811

■ 61.1526, 69.8382,
80.0765

■ 27.0058, 19.4063,
13.6290

■ 69.0976, 81.6345,
95.3449

■ 24.8130, 16.2149,
9.2164

■ 74.7964, 89.5589,
107.9521

■ 23.1757, 13.8506,
5.8644

■ 22.0440, 12.2371,
3.4837

■ 21.3590, 11.2838,
1.9706

■ 21.0355, 10.8385,
1.2409

Harmonies

Analogous

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



42.1799, 41.6887, 47.1727



42.1503, 41.6887, 43.3613



41.4338, 41.6887, 40.2688

Triad

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



42.1503, 41.6887, 43.3613



37.7921, 41.6887, 40.4743



39.0132, 41.6887, 52.9442

Complementary

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



42.1503, 41.6887, 43.3613



43.4247, 48.3518, 54.6234

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.



37.8674, 41.6887, 50.9321



42.1503, 41.6887, 43.3613



37.1732, 41.6887, 43.6565

Square

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



42.1503, 41.6887, 43.3613



38.9083, 41.6887, 38.6674



37.2004, 41.6887, 47.4849



40.3481, 41.6887, 52.8541

Rectangle

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



42.1503, 41.6887, 43.3613



40.6721, 41.6887, 38.9672



37.2004, 41.6887, 47.4849



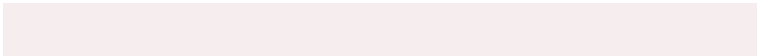
38.5937, 41.6887, 52.4866

Sweetspot

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



42.1515, 41.6905, 43.3622



83.4067, 86.3709, 93.0137



43.9158, 42.3663, 54.0073



17.7573, 18.3089, 19.6556



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.1515, 41.6905, 43.3622



73.5745, 71.8329, 73.9318



43.8665, 45.2697, 43.4741



9.5480, 9.5435, 10.0089



14.1613, 7.2957, 0.8773



0.5611, 0.2883, 0.0678

Inverse Universe

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



42.1515, 41.6905, 43.3622



73.5745, 71.8329, 73.9318



41.5659, 44.4616, 54.5356



9.5480, 9.5435, 10.0089



14.1613, 7.2957, 0.8773



0.5611, 0.2883, 0.0678

Previews

White Background



This preview shows how the XYZ color 42.1503, 41.6887, 43.3613 looks on a white background.

Color Contrast Check

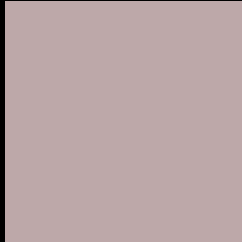
Large Text (above 18pt) WCAG AA × Fail

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 42.1503, 41.6887, 43.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

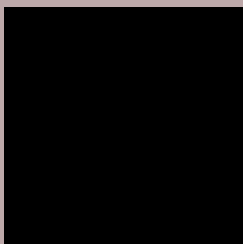
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

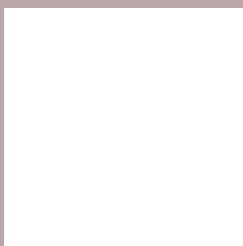
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1503, 41.6887, 43.3613

Background



This preview shows how black text looks on a background with the XYZ color 42.1503, 41.6887, 43.3613.



This preview shows how white text looks on a background with the XYZ color 42.1503, 41.6887,

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

42.1503, 41.6887, 43.3613

Protanopia

40.0077, 41.6754, 44.4636

Deuteranopia

42.4660, 41.5784, 43.3233



Tritanopia

43.0081, 41.4743, 48.3864

Trichromacy



Original Color

42.1503, 41.6887, 43.3613

Protanomaly

40.8747, 41.8519, 43.9541

Deuteranomaly

42.2154, 41.4492, 43.3116

Tritanomaly

42.7918, 41.6797, 46.3471

Monochromacy



Original Color

42.1503, 41.6887, 43.3613

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.7893, 42.0673, 44.9997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1503, 41.6887, 43.3613 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(189, 168, 169)` looks like.

```
.text, #text, p{  
    color:rgb(189, 168, 169)  
}
```

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(189, 168, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 168, 169) }
```

Border

The CSS property to change the border of an element to XYZ 42.1503, 41.6887, 43.3613 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(189, 168, 169) }
```


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

```
.border{ border-color:rgb(189, 168, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 168, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 168, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 168, 169); box-shadow:4px 4px 4px 4px rgb(189, 168, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1503, 41.6887, 43.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 168, 169) }
```

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

```
.background{ background-color: rgb(189,  
168, 169) }
```

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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