

Converting Colors

XYZ(42.2444, 41.7608, 42.2965)

Have a look what the booklet for
XYZ(42.2444, 41.7608, 42.2965)
contains.

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Color

**XYZ(42.2129, 41.7424,
42.3915)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA8A7
RGB	190, 168, 167
RGB Percent	75%, 66%, 65%
CMY	0.2549, 0.3412, 0.3451
CMYK	0.00, 0.12, 0.12, 0.25
HSL	3°, 15%, 70%
HSV	3°, 12%, 75%
XYZ	42.2129, 41.7424, 42.3915
YIQ	174.4640, 13.4330, 4.3530

Conversions

Conversions Part 2

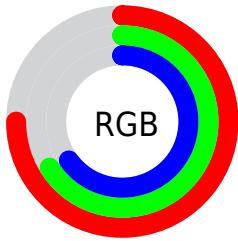
Format	Color
RYB	190, 168, 167
Decimal	12495015
CIELab	70.69, 7.80, 3.43
CIElCh	71, 8.525, 23.735
Yxy	41.7424, 0.3341, 0.3304
Android (android.graphics.Color)	4290685095 (0xFFBEA8A7)
YUV	174.4640, -3.6798, 13.6251
Hunter-Lab	64.6084, 3.5612, 6.3239

Details

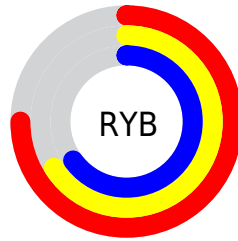
The XYZ color **42.2129, 41.7424, 42.3915** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.4281, 48.3276, 55.7550**, and the grayscale version is **40.4853, 42.5936, 46.3845**.

A 20% lighter version of the original color is **77.5785, 77.6421, 80.0048**, and **19.4932, 18.9628, 18.8524** is the 20% darker color. If you saturate the color by 10%, you get **37.4606, 34.8449, 32.7688**, and if you desaturate by 10%, it is **47.6945, 49.6845, 53.5315**.

Distribution



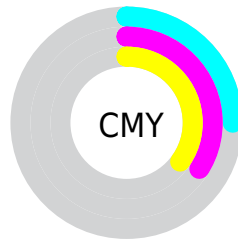
- Red (75%)
- Green (66%)
- Blue (65%)



- Red (75%)
- Yellow (66%)
- Blue (65%)



- Cyan (0%)
- Magenta (12%)
- Yellow (12%)
- Black (25%)




- Cyan (25%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.2129, 41.7424, 42.3915 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 42.2129, 41.7424, 42.3915 by changing the saturation by 10% instead.


 42.2129, 41.7424,
42.3915


 42.2129, 41.7424,
42.3915


346.3414,
353.4140, 371.9507

 29.4599, 28.8996,
29.0801


 77.7849, 77.8096,
80.0683

 19.5750, 19.0049,
18.8953


 101.3345,
101.8028, 105.2707

 12.1930, 11.6738,
11.4186


129.2138,
130.2817, 135.2740

 6.9484, 6.5220,
6.2314

161.7880,
163.6306, 170.4965

 3.4759, 3.1650,
2.9153

199.4225,
202.2338, 211.3570

 1.4101, 1.2185,
1.0515

242.4827,

 0.2634, 0.0767,

246.4759, 258.2738

0.0000

291.3338,
296.7411, 311.6655

■ 0.0000, 0.0000,
0.0000

■ 42.2129, 41.7424,
42.3915

■ 42.2129, 41.7424,
42.3915

■ 37.4606, 34.8449,
32.7688

■ 47.6945, 49.6845,
53.5315

■ 33.4034, 28.9432,
24.5953

■ 53.9305, 58.7061,
66.2475

■ 30.0099, 23.9930,
17.8016

■ 60.9494, 68.8476,
80.5987

■ 27.2448, 19.9446,
12.3115

■ 68.7769, 80.1456,
96.6401

■ 25.0694, 16.7436,
8.0416

■ 75.0454, 89.6873,
107.9638

■ 23.4408, 14.3298,
4.8987

■ 22.3104, 12.6352,
2.7764

■ 21.6208, 11.5801,
1.5476

■ 21.3254, 11.1272,
1.0238

Harmonies

Analogous

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



42.4358, 41.7424, 46.3043



42.2129, 41.7424, 42.3915



41.3029, 41.7424, 39.4640

Triad

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



42.2129, 41.7424, 42.3915



37.5255, 41.7424, 41.0037



39.3793, 41.7424, 53.6272

Complementary

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



42.2129, 41.7424, 42.3915



43.4281, 48.3276, 55.7550

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.



38.0903, 41.7424, 52.0134



42.2129, 41.7424, 42.3915



37.0365, 41.7424, 44.6070

Square

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



42.2129, 41.7424, 42.3915



38.5919, 41.7424, 38.6967



37.2407, 41.7424, 48.6530



40.7779, 41.7424, 52.9475

Rectangle

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



42.2129, 41.7424, 42.3915



40.4403, 41.7424, 38.3862



37.2407, 41.7424, 48.6530



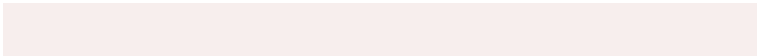
38.9192, 41.7424, 53.3321

Sweetspot

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



42.2141, 41.7443, 42.3924



84.3759, 87.0626, 92.8282



44.2651, 42.2695, 54.1033



18.3559, 18.8687, 20.0338



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



42.2141, 41.7443, 42.3924



73.6550, 71.5232, 71.0579



44.3844, 46.0850, 43.1158



9.5627, 9.6013, 9.9259



14.1951, 7.4289, 0.6858



0.5676, 0.3141, 0.0307

Inverse Universe

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



43.4281, 48.3276, 55.7550



76.3657, 86.2235, 100.8970



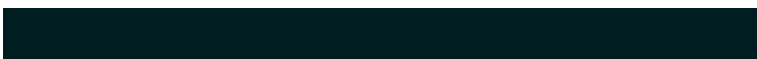
41.0986, 43.6686, 54.9785



9.7720, 10.7362, 12.2295



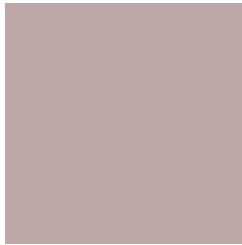
17.2797, 24.6711, 36.2442



0.6880, 0.9886, 1.4234

Previews

White Background



This preview shows how the XYZ color 42.2129, 41.7424, 42.3915 looks on a white background.

Color Contrast Check

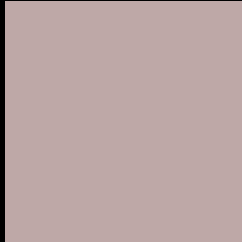
Large Text (above 18pt) WCAG AA × Fail

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 42.2129, 41.7424, 42.3915 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 42.2129, 41.7424, 42.3915

Background



This preview shows how black text looks on a background with the XYZ color 42.2129, 41.7424, 42.3915.



This preview shows how white text looks on a background with the XYZ color 42.2129, 41.7424,

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

42.2129, 41.7424, 42.3915

Protanopia

40.0454, 41.7167, 43.4776

Deuteranopia

42.5320, 41.6339, 42.3537



Tritanopia

43.5111, 41.7336, 48.4099

Trichromacy



Original Color

42.2129, 41.7424, 42.3915

Protanomaly

40.9222, 41.8981, 42.9761

Deuteranomaly

42.2796, 41.5038, 42.3419

Tritanomaly

43.0424, 41.8089, 46.3588

Monochromacy



Original Color

42.2129, 41.7424, 42.3915

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.9256, 42.1486, 44.5066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2129, 41.7424, 42.3915 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(190, 168, 167)` looks like.

```
.text, #text, p{  
    color:rgb(190, 168, 167)  
}
```

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(190, 168, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 168, 167) }
```

Border

The CSS property to change the border of an element to XYZ 42.2129, 41.7424, 42.3915 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(190, 168, 167) }
```


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

```
.border{ border-color:rgb(190, 168, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 168, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 168, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 168, 167);  
box-shadow:4px 4px 4px 4px rgb(190, 168,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2129, 41.7424, 42.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 168, 167) }
```

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

```
.background{ background-color: rgb(190,  
168, 167) }
```

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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