

Converting Colors

XYZ(42.1529, 41.6327, 42.7213)

Have a look what the booklet for
XYZ(42.1529, 41.6327, 42.7213)
contains.

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Color

**XYZ(42.3057, 41.7796,
42.8803)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA8A8
RGB	190, 168, 168
RGB Percent	75%, 66%, 66%
CMY	0.2549, 0.3412, 0.3412
CMYK	0.00, 0.12, 0.12, 0.25
HSL	0°, 14%, 70%
HSV	0°, 12%, 75%
XYZ	42.3057, 41.7796, 42.8803
YIQ	174.5780, 13.1120, 4.6640

Conversions

Conversions Part 2

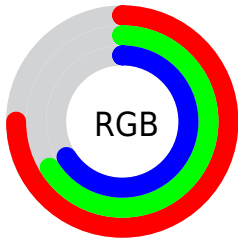
Format	Color
R_{YB}	190, 168, 168
Decimal	12495016
CIE _{Lab}	70.72, 7.97, 2.92
CIE _{LCh}	71, 8.489, 20.095
Yxy	41.7796, 0.3332, 0.3291
Android (android.graphics.Color)	4290685096 (0xFFBEA8A8)
YUV	174.5780, -3.2430, 13.5251
Hunter-Lab	64.6371, 3.7152, 5.9130

Details

The XYZ color **42.3057, 41.7796, 42.8803** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8558, 48.8683, 55.8366**, and the grayscale version is **40.5420, 42.6534, 46.4495**.

A 20% lighter version of the original color is **77.7130, 77.6959, 80.7129**, and **19.5511, 18.9860, 19.1572** is the 20% darker color. If you saturate the color by 10%, you get **37.4089, 34.6146, 33.1439**, and if you desaturate by 10%, it is **47.9758, 50.0765, 54.1516**.

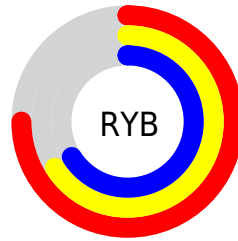
Distribution



Red (75%)

Green (66%)

Blue (66%)



Red (75%)

Yellow (66%)

Blue (66%)

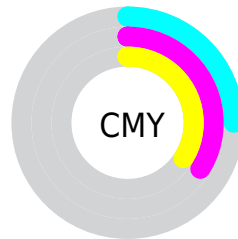


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3057, 41.7796, 42.8803 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 42.3057, 41.7796, 42.8803 by changing the saturation by 10% instead.


 42.3057, 41.7796,
42.8803


 42.3057, 41.7796,
42.8803


346.7187,
353.5685, 374.0260

 29.5329, 28.9288,
29.4605


 77.9243, 77.8659,
80.8146

 19.6306, 19.0269,
19.1809


 101.5009,
101.8702, 106.1662

 12.2335, 11.6897,
11.6229


129.4094,
130.3611, 136.3322

 6.9763, 6.5328,
6.3681

162.0152,
163.7230, 171.7310

 3.4935, 3.1717,
2.9978

199.6837,
202.3403, 212.7813

 1.4198, 1.2220,
1.0935

242.7802,

 0.2702, 0.0796,

246.5974, 259.9015

0.0000

291.6701,
296.8786, 313.5102

■ 0.0000, 0.0000,
0.0000

■ 42.3057, 41.7796,
42.8803

■ 42.3057, 41.7796,
42.8803

■ 37.4089, 34.6146,
33.1439

■ 47.9758, 50.0765,
54.1516

■ 33.2488, 28.5271,
24.8734

■ 54.4471, 59.5455,
67.0171

■ 29.7906, 23.4669,
17.9986

■ 61.7502, 70.2316,
81.5366

■ 26.9958, 19.3772,
12.4428

■ 69.9132, 82.1759,
97.7658

■ 24.8218, 16.1960,
8.1214

■ 75.0454, 89.6872,
107.9638

■ 23.2215, 13.8540,
4.9403

■ 22.1405, 12.2722,
2.7920

■ 21.5146, 11.3561,
1.5482

■ 21.2357, 10.9479,
0.9939

Harmonies

Analogous

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



42.4356, 41.7796, 46.8369



42.3057, 41.7796, 42.8803



41.4713, 41.7796, 39.8021

Triad

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



42.3057, 41.7796, 42.8803



37.6708, 41.7796, 40.6989



39.2467, 41.7796, 53.5588

Complementary

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



42.3057, 41.7796, 42.8803



43.8558, 48.8683, 55.8366

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.



37.9997, 41.7796, 51.6975



42.3057, 41.7796, 42.8803



37.1042, 41.7796, 44.1709

Square

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



42.3057, 41.7796, 42.8803



38.7879, 41.7796, 38.5951



37.2232, 41.7796, 48.2053



40.6471, 41.7796, 53.1626

Rectangle

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



42.3057, 41.7796, 42.8803



40.6386, 41.7796, 38.5873



37.2232, 41.7796, 48.2053



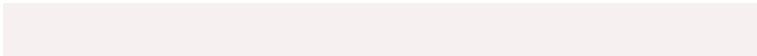
38.7962, 41.7796, 53.1723

Sweetspot

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



42.3069, 41.7815, 42.8812



85.3387, 88.4043, 94.9491



44.5325, 42.6707, 54.6047



18.5482, 19.1327, 20.4694



92.9021, 97.7402, 106.4391



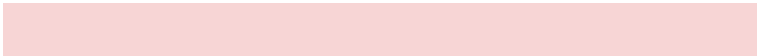
19.4759, 20.4902, 22.3138

Same Dimension

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



42.3069, 41.7815, 42.8812



74.1817, 72.0789, 72.7681



44.4236, 46.0150, 43.5868



9.5303, 9.5366, 9.9151



14.1205, 7.2798, 0.6609



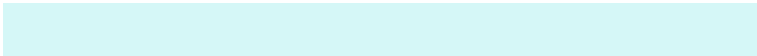
0.5532, 0.2852, 0.0259

Inverse Universe

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



43.8558, 48.8683, 55.8366



77.5685, 87.5738, 101.0943



41.5633, 44.2833, 55.0724



9.8085, 10.8093, 12.2416



18.4197, 26.9511, 36.6242



0.7216, 1.0558, 1.4346

Previews

White Background



This preview shows how the XYZ color 42.3057, 41.7796, 42.8803 looks on a white background.

Color Contrast Check

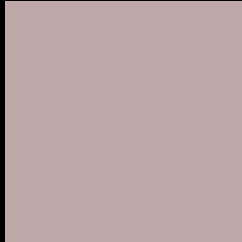
Large Text (above 18pt) WCAG AA × Fail

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 42.3057, 41.7796, 42.8803 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 42.3057, 41.7796, 42.8803

Background



This preview shows how black text looks on a background with the XYZ color 42.3057, 41.7796, 42.8803.



This preview shows how white text looks on a background with the XYZ color 42.3057, 41.7796,

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

42.3057, 41.7796, 42.8803

Protanopia

40.1397, 41.7544, 43.9740

Deuteranopia

42.6248, 41.6711, 42.8425



Tritanopia

43.5111, 41.7336, 48.4099

Trichromacy



Original Color

42.3057, 41.7796, 42.8803

Protanomaly

41.0157, 41.9355, 43.4687

Deuteranomaly

42.3725, 41.5410, 42.8307

Tritanomaly

43.0424, 41.8089, 46.3588

Monochromacy



Original Color

42.3057, 41.7796, 42.8803

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.0213, 42.1869, 45.0106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3057, 41.7796, 42.8803 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, 168)` looks like.

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

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, 168) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 42.3057, 41.7796, 42.8803 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, 168) }
```


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

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

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, 168)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 42.3057, 41.7796, 42.8803 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, 168) }
```

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

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

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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