

Converting Colors

XYZ(42.0647, 41.7155, 42.9907)

Have a look what the booklet for
XYZ(42.0647, 41.7155, 42.9907)
contains.

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Color

**XYZ(42.0568, 41.6512,
42.8686)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA8A8
RGB	189, 168, 168
RGB Percent	74%, 66%, 66%
CMY	0.2588, 0.3412, 0.3412
CMYK	0.00, 0.11, 0.11, 0.26
HSL	0°, 14%, 70%
HSV	0°, 11%, 74%
XYZ	42.0568, 41.6512, 42.8686
YIQ	174.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

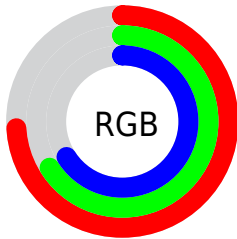
Format	Color
R _Y B	189, 168, 168
Decimal	12429480
CIE Lab	70.63, 7.61, 2.78
CIE LCh	71, 8.096, 20.056
Yxy	41.6512, 0.3323, 0.3291
Android (android.graphics.Color)	4290619560 (0xFFBDA8A8)
YUV	174.2790, -3.0955, 12.9103
Hunter-Lab	64.5377, 3.3806, 5.7936

Details

The XYZ color **42.0568, 41.6512, 42.8686** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.5312, 48.3933, 55.1912**, and the grayscale version is **40.3874, 42.4907, 46.2724**.

A 20% lighter version of the original color is **77.3631, 77.5155, 80.6966**, and **19.5511, 18.9860, 19.1572** is the 20% darker color. If you saturate the color by 10%, you get **37.1838, 34.5210, 33.1795**, and if you desaturate by 10%, it is **47.6950, 49.9015, 54.0764**.

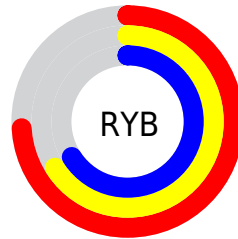
Distribution



Red (74%)

Green (66%)

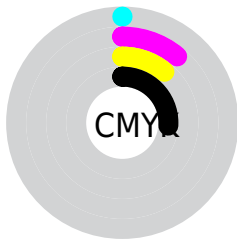
Blue (66%)



Red (74%)

Yellow (66%)

Blue (66%)

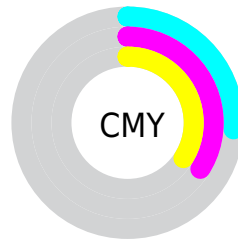


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0568, 41.6512, 42.8686 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 42.0568, 41.6512, 42.8686 by changing the saturation by 10% instead.


 42.0568, 41.6512,
42.8686


 42.0568, 41.6512,
42.8686


345.7060,
353.0350, 373.9764

 29.3371, 28.8283,
29.4514


 77.5502, 77.6715,
80.7968

 19.4815, 18.9509,
19.1740


 101.0546,
101.6376, 106.1448

 12.1248, 11.6348,
11.6180


128.8846,
130.0869, 136.3069

 6.9015, 6.4955,
6.3648

161.4055,
163.4038, 171.7015

 3.4464, 3.1487,
2.9958

198.9828,
201.9726, 212.7472

 1.3940, 1.2098,
1.0925

241.9817,

 0.2519, 0.0697,

246.1778, 259.8626

0.0000

290.7676,
296.4038, 313.4661

■ 0.0000, 0.0000,
0.0000

■ 42.0568, 41.6512,
42.8686

■ 42.0568, 41.6512,
42.8686

■ 37.1838, 34.5210,
33.1795

■ 47.6950, 49.9015,
54.0764

■ 33.0399, 28.4573,
24.9413

■ 54.1258, 59.3113,
66.8615

■ 29.5910, 23.4106,
18.0850

■ 61.3795, 69.9250,
81.2826

■ 26.7991, 19.3252,
12.5350

■ 69.4835, 81.7831,
97.3946

■ 24.6226, 16.1402,
8.2083

■ 74.7965, 89.5589,
107.9522

■ 23.0149, 13.7875,
5.0127

■ 21.9230, 12.1896,
2.8425

■ 21.2839, 11.2544,
1.5727

■ 20.9868, 10.8196,
0.9823

Harmonies

Analogous

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



42.1792, 41.6512, 46.6366



42.0568, 41.6512, 42.8686



41.2647, 41.6512, 39.9286

Triad

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



42.0568, 41.6512, 42.8686



37.6466, 41.6512, 40.7789



39.1452, 41.6512, 53.0101

Complementary

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



42.0568, 41.6512, 42.8686



43.5312, 48.3933, 55.1912

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.



37.9578, 41.6512, 51.2436



42.0568, 41.6512, 42.8686



37.1055, 41.6512, 44.0894

Square

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



42.0568, 41.6512, 42.8686



38.7116, 41.6512, 38.7701



37.2182, 41.6512, 47.9276



40.4779, 41.6512, 52.6376

Rectangle

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



42.0568, 41.6512, 42.8686



40.4731, 41.6512, 38.7656



37.2182, 41.6512, 47.9276



38.7163, 41.6512, 52.6431

Sweetspot

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



42.0580, 41.6530, 42.8695



83.3560, 86.3511, 92.7446



44.1748, 42.4988, 54.0195



17.7437, 18.3036, 19.5832



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.



42.0580, 41.6530, 42.8695



73.3831, 71.7583, 72.9179



44.0748, 45.6867, 43.5418



9.5303, 9.5366, 9.9151



14.1205, 7.2798, 0.6609



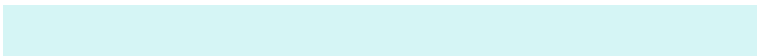
0.5532, 0.2852, 0.0259

Inverse Universe

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



43.5312, 48.3933, 55.1912



76.4749, 85.9037, 98.7766



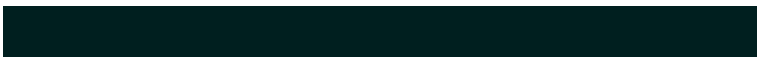
41.3544, 44.0397, 54.4656



9.8085, 10.8093, 12.2416



18.4198, 26.9514, 36.6242



0.7216, 1.0558, 1.4346

Previews

White Background



This preview shows how the XYZ color 42.0568, 41.6512, 42.8686 looks on a white background.

Color Contrast Check

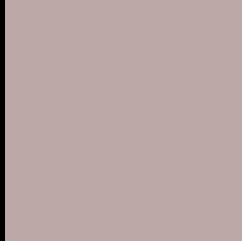
Large Text (above 18pt) WCAG AA × Fail

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 42.0568, 41.6512, 42.8686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

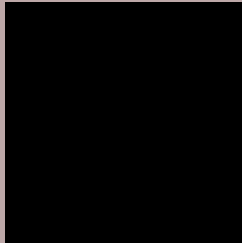
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0568, 41.6512, 42.8686

Background



This preview shows how black text looks on a background with the XYZ color 42.0568, 41.6512, 42.8686.



This preview shows how white text looks on a background with the XYZ color 42.0568, 41.6512,

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

42.0568, 41.6512, 42.8686

Protanopia

39.9127, 41.6374, 43.9634

Deuteranopia

42.3725, 41.5410, 42.8307



Tritanopia

43.2588, 41.6035, 48.3981

Trichromacy



Original Color

42.0568, 41.6512, 42.8686

Protanomaly

40.7804, 41.8141, 43.4577

Deuteranomaly

42.1218, 41.4117, 42.8190

Tritanomaly

42.7918, 41.6797, 46.3471

Monochromacy



Original Color

42.0568, 41.6512, 42.8686

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 42.0568, 41.6512, 42.8686 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 168, 168) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 42.0568, 41.6512, 42.8686 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, 168) }
```


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

```
.border{ border-color:rgb(189, 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(189, 168, 168)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 42.0568, 41.6512, 42.8686 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, 168) }
```

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

```
.background{ background-color: rgb(189,  
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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