

Converting Colors

XYZ(42.2323, 45.9403, 46.8247)

Have a look what the booklet for
XYZ(42.2323, 45.9403, 46.8247)
contains.

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Color

**XYZ(42.2527, 46.0369,
46.7035)**

Conversions

Conversions Part 1	
Format	Color
Hex	AFB7AE
RGB	175, 183, 174
RGB Percent	69%, 72%, 68%
CMY	0.3137, 0.2823, 0.3176
CMYK	0.04, 0.00, 0.05, 0.28
HSL	113°, 6%, 70%
HSV	113°, 5%, 72%
XYZ	42.2527, 46.0369, 46.7035
YIQ	179.5820, -1.8790, -4.4950

Conversions

Conversions Part 2

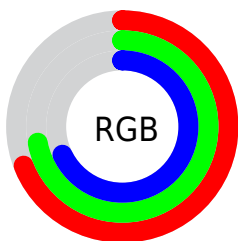
Format	Color
RYB	174, 183, 182
Decimal	11515822
CIELab	73.57, -4.48, 3.60
CIELCh	74, 5.742, 141.198
Yxy	46.0369, 0.3130, 0.3410
Android (android.graphics.Color)	4289705902 (0xFFAFB7AE)
YUV	179.5820, -2.7519, -4.0184
Hunter-Lab	67.8505, -7.5806, 6.6843

Details

The XYZ color **42.2527, 46.0369, 46.7035** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.9764, 43.6373, 50.9598**, and the grayscale version is **43.1745, 45.4230, 49.4656**.

A 20% lighter version of the original color is **77.9644, 84.3791, 86.3064**, and **19.6639, 21.5814, 21.5416** is the 20% darker color. If you saturate the color by 10%, you get **37.1551, 43.6026, 37.7778**, and if you desaturate by 10%, it is **48.0359, 48.7992, 56.9321**.

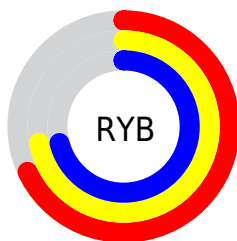
Distribution



Red (69%)

Green (72%)

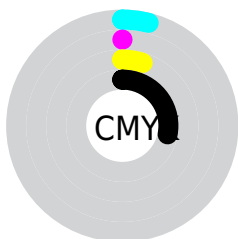
Blue (68%)



Red (68%)

Yellow (72%)

Blue (71%)

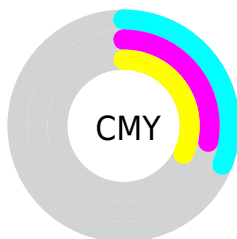


Cyan (4%)

Magenta (0%)

Yellow (5%)

Black (28%)



Cyan (31%)


Magenta (28%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.2527, 46.0369, 46.7035 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 42.2527, 46.0369, 46.7035 by changing the saturation by 10% instead.


 42.2527, 46.0369,
46.7035

 42.2527, 46.0369,
46.7035


346.5032,
370.9570, 389.9892

 29.4912, 32.2749,
32.4487


 77.8447, 84.2742,
86.6162

 19.5989, 21.5716,
21.4368


101.4059,
109.5184, 113.1112

 12.2104, 13.5425,
13.2493


129.2977,
139.3587, 144.5232

 6.9603, 7.8031,
7.4677

161.8855,
174.1796, 181.2710

 3.4834, 3.9692,
3.6734

199.5345,
214.3655, 223.7729

 1.4143, 1.6564,
1.4480


242.6103,

 0.2663, 0.3952,


260.3008, 272.4475


0.1787


291.4781,
312.3698, 327.7135

 0.0000, 0.0000,
0.0000


 42.2527, 46.0369,
46.7035


 42.2527, 46.0369,
46.7035


 37.1551, 43.6026,
37.7778


 48.0359, 48.7992,
56.9321


 32.7139, 41.4784,
30.0998


 54.5248, 51.8948,
68.5099

 28.9036, 39.6537,
23.6149

 61.7436, 55.3365,
81.4843

 25.6953, 38.1149,
18.2632

 69.7140, 59.1346,
95.8999

 23.0580, 36.8474,
13.9796

 76.2244, 62.3487,
102.6248

■ 20.9580, 35.8354,
10.6925

■ 19.3578, 35.0613,
8.3215

■ 18.2152, 34.5053,
6.7737

■ 17.4805, 34.1444,
5.9362

Harmonies

Analogous

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



43.0545, 46.0369, 45.0917



42.2527, 46.0369, 46.7035



41.8555, 46.0369, 49.2756

Triad

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



42.2527, 46.0369, 46.7035



43.4586, 46.0369, 55.8576



45.6024, 46.0369, 48.1315

Complementary

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



42.2527, 46.0369, 46.7035



42.9764, 43.6373, 50.9598

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.



45.7146, 46.0369, 50.9869



42.2527, 46.0369, 46.7035



44.4665, 46.0369, 55.5224

Square

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



42.2527, 46.0369, 46.7035



42.5446, 46.0369, 54.6115



45.2960, 46.0369, 53.7125



44.9916, 46.0369, 45.8938

Rectangle

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



42.2527, 46.0369, 46.7035



41.8692, 46.0369, 51.2201



45.2960, 46.0369, 53.7125



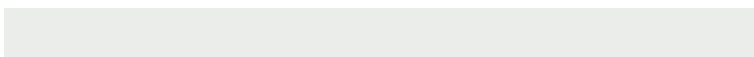
45.7000, 46.0369, 49.0483

Sweetspot

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



42.2540, 46.0389, 46.7045



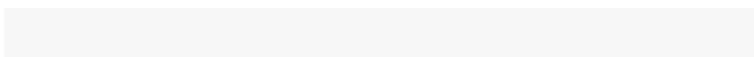
79.5658, 84.3099, 90.5095



43.8881, 46.5609, 46.7191



17.5855, 18.6272, 20.0118



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



42.2540, 46.0389, 46.7045



74.5324, 81.9063, 81.6374



42.3712, 46.0599, 48.4891



9.3103, 10.2641, 10.1629



12.0492, 23.7479, 3.9487



0.4554, 0.8530, 0.1406

Inverse Universe

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



42.9764, 43.6373, 50.9598



76.1239, 76.6156, 91.0118



42.8585, 43.6176, 49.1019



9.5239, 9.5538, 11.4215



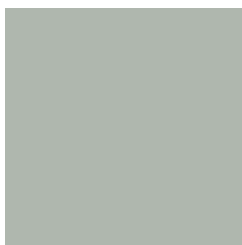
16.4891, 7.8116, 31.8918



0.6095, 0.2899, 1.1256

Previews

White Background



This preview shows how the XYZ color 42.2527, 46.0369, 46.7035 looks on a white background.

Color Contrast Check

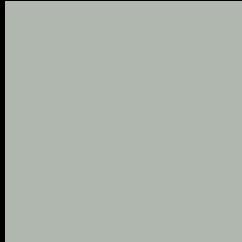
Large Text (above 18pt) WCAG AA × Fail

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 42.2527, 46.0369, 46.7035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

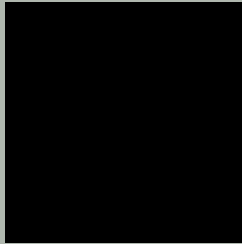
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

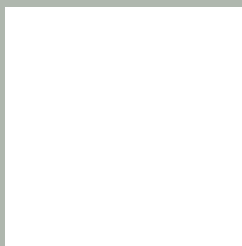
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.2527, 46.0369, 46.7035

Background



This preview shows how black text looks on a background with the XYZ color 42.2527, 46.0369, 46.7035.



This preview shows how white text looks on a background with the XYZ color 42.2527, 46.0369,

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

42.2527, 46.0369, 46.7035

Protanopia

44.0174, 46.0602, 45.6003

Deuteranopia

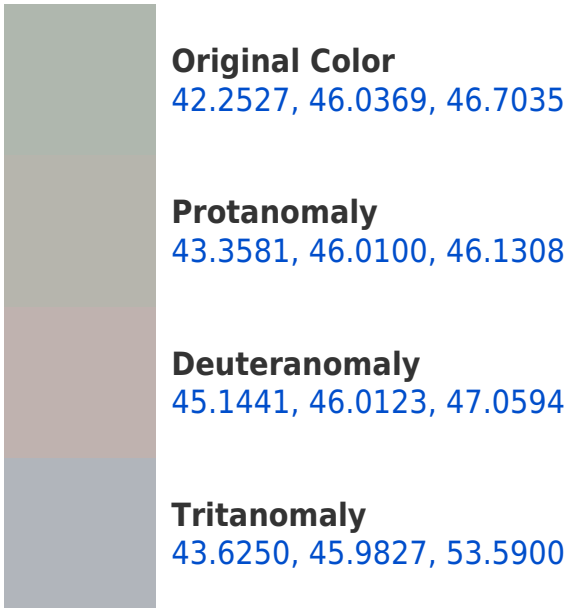
46.9859, 46.0739, 47.4910



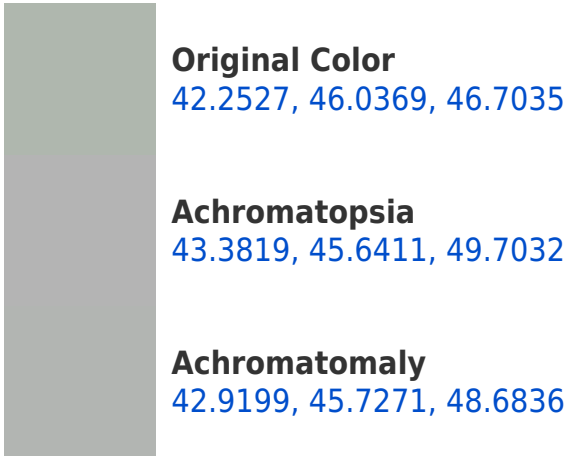
Tritanopia

44.4190, 46.0025, 57.5772

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2527, 46.0369, 46.7035 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(175, 183, 174) looks like.

```
.text, #text, p{  
    color:rgb(175, 183, 174)  
}
```

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(175, 183, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 183, 174) }
```

Border

The CSS property to change the border of an element to XYZ 42.2527, 46.0369, 46.7035 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(175, 183, 174) }
```


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

```
.border{ border-color:rgb(175, 183, 174) }
```

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

Here you see how a box with a 4 pixel rgb(175, 183, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 183, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 183, 174);  
box-shadow:4px 4px 4px 4px rgb(175, 183,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2527, 46.0369, 46.7035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 183, 174) }
```

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

```
.background{ background-color: rgb(175,  
183, 174) }
```

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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