

Converting Colors

XYZ(42.0022, 46.5246, 46.8108)

Have a look what the booklet for
XYZ(42.0022, 46.5246, 46.8108)
contains.

XYZ(42.0022, 46.5246, 46.8108)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.0022, 46.5246,
46.8108)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB9AE
RGB	172, 185, 174
RGB Percent	67%, 73%, 68%
CMY	0.3255, 0.2745, 0.3176
CMYK	0.07, 0.00, 0.06, 0.27
HSL	129°, 8%, 70%
HSV	129°, 7%, 73%
XYZ	42.0022, 46.5246, 46.8108
YIQ	179.8590, -4.2170, -6.1770

Conversions

Conversions Part 2

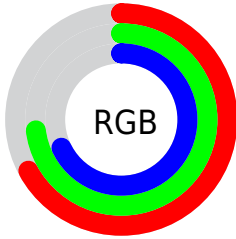
Format	Color
RYB	172, 183, 185
Decimal	11319726
CIELab	73.88, -6.59, 4.03
CIELCh	74, 7.722, 148.573
Yxy	46.5246, 0.3104, 0.3438
Android (android.graphics.Color)	4289509806 (0xFFACB9AE)
YUV	179.8590, -2.8885, -6.8923
Hunter-Lab	68.2089, -9.4476, 7.0564

Details

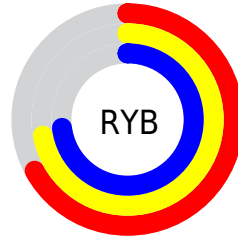
The XYZ color **42.0022, 46.5246, 46.8108** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.3090, 43.2394, 50.8654**, and the grayscale version is **43.3245, 45.5808, 49.6374**.

A 20% lighter version of the original color is **77.2767, 84.8986, 86.4429**, and **19.5098, 21.9007, 21.6113** is the 20% darker color. If you saturate the color by 10%, you get **36.7829, 44.0015, 39.0590**, and if you desaturate by 10%, it is **47.9673, 49.4143, 55.5280**.

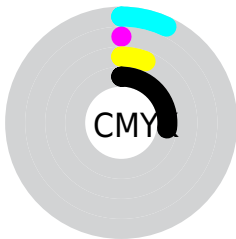
Distribution



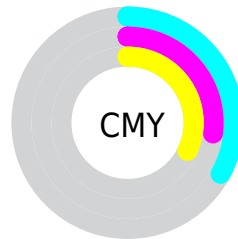
- Red (67%)
- Green (73%)
- Blue (68%)



- Red (67%)
- Yellow (72%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (33%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0022, 46.5246, 46.8108 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 42.0022, 46.5246, 46.8108 by changing the saturation by 10% instead.

■ 42.0022, 46.5246,
46.8108

■ 42.0022, 46.5246,
46.8108

345.4835,
372.9137, 390.4307

■ 29.2941, 32.6600,
32.5328

■ 77.4681, 85.0036,
86.7782

■ 19.4488, 21.8661,
21.5006

100.9566,
110.3867, 113.3046

■ 12.1010, 13.7585,
13.2956

128.7694,
140.3782, 144.7510

■ 6.8852, 7.9529,
7.4993

161.2717,
175.3623, 181.5359

■ 3.4361, 4.0648,
3.6931

198.8289,
215.7235, 224.0777

■ 1.3883, 1.7099,
1.4586

241.8064,

■ 0.2479, 0.4301,

261.8462, 272.7951

0.1868

290.5695,
314.1148, 328.1066

■ 0.0000, 0.0000,
0.0000

■ 42.0022, 46.5246,
46.8108

■ 42.0022, 46.5246,
46.8108

■ 36.7829, 44.0015,
39.0590

■ 47.9673, 49.4143,
55.5280

■ 32.2762, 41.8245,
32.2364

■ 54.7019, 52.6781,
65.2391

■ 28.4522, 39.9804,
26.3090

■ 62.2336, 56.3311,
75.9751

■ 25.2772, 38.4526,
21.2397

■ 70.5874, 60.3853,
87.7648

■ 22.7148, 37.2230,
16.9885

■ 76.2040, 63.0054,
100.4682

■ 20.7250, 36.2721,
13.5127

■ 76.6399, 63.1798,
102.7633

■ 19.2626, 35.5775,
10.7653

■ 18.2759, 35.1137,
8.6942

■ 17.6948, 34.8457,
7.2403

Harmonies

Analogous

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



42.9676, 46.5246, 44.2941



42.0022, 46.5246, 46.8108



41.6293, 46.5246, 50.4691

Triad

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



42.0022, 46.5246, 46.8108



44.1544, 46.5246, 58.6107



46.5831, 46.5246, 47.1213

Complementary

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



42.0022, 46.5246, 46.8108



43.3090, 43.2394, 50.8654

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.



46.9165, 46.5246, 50.8461



42.0022, 46.5246, 46.8108



45.4969, 46.5246, 57.6027

Square

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



42.0022, 46.5246, 46.8108



42.8559, 46.5246, 57.3976



46.5150, 46.5246, 54.7091



45.6132, 46.5246, 44.4667

Rectangle

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



42.0022, 46.5246, 46.8108



41.7610, 46.5246, 53.1078



46.5150, 46.5246, 54.7091



46.7742, 46.5246, 48.2835

Sweetspot

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



42.0035, 46.5266, 46.8118



80.3903, 85.8253, 91.4145



44.3376, 47.7523, 45.9105



17.3550, 18.5140, 19.7429



88.6918, 93.3107, 101.6153



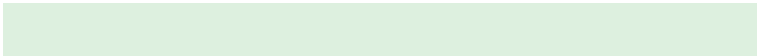
17.8044, 18.7317, 20.3988

Same Dimension

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



42.0035, 46.5266, 46.8118



74.1292, 82.7945, 82.2214



42.6479, 46.7843, 50.2050



8.9452, 10.0820, 9.8687



11.9772, 23.6918, 4.8020



0.4401, 0.8423, 0.2633

Inverse Universe

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



43.3090, 43.2394, 50.8654



76.8139, 76.0345, 90.5571



42.6526, 42.9768, 47.4087



9.3200, 9.1384, 11.0323



17.7624, 8.6787, 22.4333



0.6424, 0.3124, 0.8762

Previews

White Background



This preview shows how the XYZ color 42.0022, 46.5246, 46.8108 looks on a white background.

Color Contrast Check

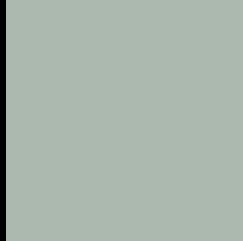
Large Text (above 18pt) WCAG AA × Fail

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 42.0022, 46.5246, 46.8108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

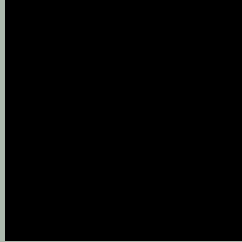
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

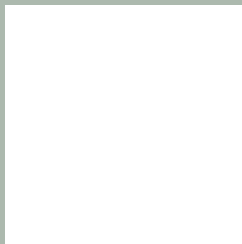
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0022, 46.5246, 46.8108

Background



This preview shows how black text looks on a background with the XYZ color 42.0022, 46.5246, 46.8108.



This preview shows how white text looks on a background with the XYZ color 42.0022, 46.5246,

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

42.0022, 46.5246, 46.8108

Protanopia

44.4638, 46.5911, 45.6792

Deuteranopia

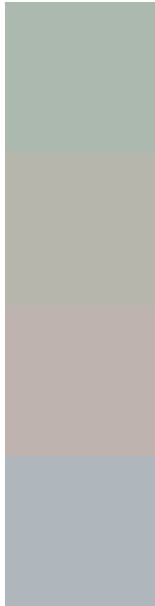
47.2538, 46.2120, 47.5036



Tritanopia

44.5963, 46.6715, 58.8826

Trichromacy



Original Color

42.0022, 46.5246, 46.8108

Protanomaly

43.5622, 46.4181, 46.1988

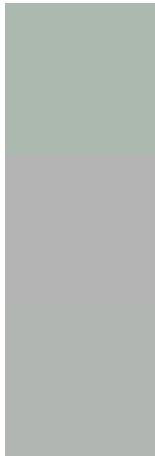
Deuteranomaly

45.0932, 46.2825, 47.1142

Tritanomaly

43.6898, 46.6118, 54.2712

Monochromacy



Original Color

42.0022, 46.5246, 46.8108

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.8953, 46.0174, 48.7409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0022, 46.5246, 46.8108 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(172, 185, 174)` looks like.

```
.text, #text, p{  
    color:rgb(172, 185, 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(172, 185, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 185, 174) }
```

Border

The CSS property to change the border of an element to XYZ 42.0022, 46.5246, 46.8108 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(172, 185, 174) }
```


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

```
.border{ border-color:rgb(172, 185, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 185, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 185, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 185, 174);  
box-shadow:4px 4px 4px 4px rgb(172, 185,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0022, 46.5246, 46.8108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 185, 174) }
```

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

```
.background{ background-color: rgb(172,  
185, 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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