

Converting Colors

XYZ(42.1045, 46.3325, 46.3520)

Have a look what the booklet for
XYZ(42.1045, 46.3325, 46.3520)
contains.

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Color

**XYZ(42.1389, 46.2968,
46.2504)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AEB8AD |
| RGB | 174, 184, 173 |
| RGB Percent | 68%, 72%, 68% |
| CMY | 0.3176, 0.2784, 0.3216 |
| CMYK | 0.05, 0.00, 0.06, 0.28 |
| HSL | 115°, 7%, 70% |
| HSV | 115°, 6%, 72% |
| XYZ | 42.1389, 46.2968, 46.2504 |
| YIQ | 179.7560, -2.4290, -5.5410 |

Conversions

Conversions Part 2

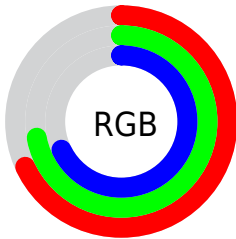
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 173, 184, 183 |
| Decimal | 11450541 |
| CIELab | 73.74, -5.54, 4.38 |
| CIELCh | 74, 7.063, 141.700 |
| Yxy | 46.2968, 0.3129, 0.3437 |
| Android (android.graphics.Color) | 4289640621 (0xFFFAEB8AD) |
| YUV | 179.7560, -3.3307, -5.0480 |
| Hunter-Lab | 68.0418, -8.5263, 7.3277 |

Details

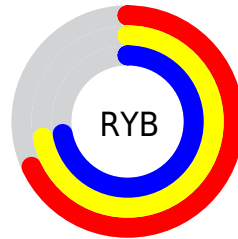
The XYZ color **42.1389, 46.2968, 46.2504** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.1255, 43.4164, 51.4570**, and the grayscale version is **43.2709, 45.5244, 49.5760**.

A 20% lighter version of the original color is **77.4768, 84.5796, 85.6408**, and **19.5935, 21.7507, 21.2548** is the 20% darker color. If you saturate the color by 10%, you get **36.9822, 43.8315, 37.3461**, and if you desaturate by 10%, it is **48.0076, 49.1034, 56.4700**.

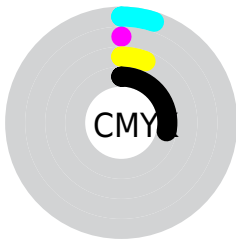
Distribution



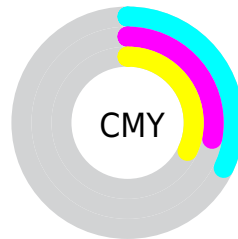
- Red (68%)
- Green (72%)
- Blue (68%)



- Red (68%)
- Yellow (72%)
- Blue (72%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (28%)



- Cyan (32%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1389, 46.2968, 46.2504 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 42.1389, 46.2968, 46.2504 by changing the saturation by 10% instead.

■ 42.1389, 46.2968,
46.2504

■ 42.1389, 46.2968,
46.2504

346.0402,
372.0006, 388.1212

■ 29.4017, 32.4801,
32.0934

■ 77.6736, 84.6630,
85.9318

■ 19.5307, 21.7285,
21.1674

101.2019,
109.9813, 112.2933

■ 12.1606, 13.6575,
13.0540

129.0578,
139.9023, 143.5601

■ 6.9261, 7.8829,
7.3346

161.6067,
174.8102, 180.1506

■ 3.4619, 4.0201,
3.5906

199.2141,
215.0897, 222.4834

■ 1.4025, 1.6848,
1.4036

242.2452,

■ 0.2580, 0.4138,

261.1250, 270.9771

0.1445

291.0655,
313.3005, 326.0502

■ 0.0000, 0.0000,
0.0000

■ 42.1389, 46.2968,
46.2504

■ 42.1389, 46.2968,
46.2504

■ 36.9822, 43.8315,
37.3461

■ 48.0076, 49.1034,
56.4700

■ 32.5068, 41.6889,
29.7008

■ 54.6099, 52.2576,
68.0522

■ 28.6851, 39.8574,
23.2587

■ 61.9715, 55.7726,
81.0454

■ 25.4866, 38.3225,
17.9585

■ 70.1153, 59.6595,
95.4949

■ 22.8780, 37.0686,
13.7336

■ 76.4314, 62.7628,
102.6938

■ 20.8231, 36.0784,
10.5104

■ 19.2815, 35.3331,
8.2062

■ 18.2074, 34.8111,
6.7251

■ 17.5456, 34.4865,
5.9442

Harmonies

Analogous

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



43.1184, 46.2968, 44.2630



42.1389, 46.2968, 46.2504



41.6612, 46.2968, 49.4193

Triad

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



42.1389, 46.2968, 46.2504



43.6566, 46.2968, 57.5541



46.2817, 46.2968, 47.8995

Complementary

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



42.1389, 46.2968, 46.2504



43.1255, 43.4164, 51.4570

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.



46.4325, 46.2968, 51.4125



42.1389, 46.2968, 46.2504



44.9011, 46.2968, 57.0999

Square

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



42.1389, 46.2968, 46.2504



42.5265, 46.2968, 56.0237



45.9228, 46.2968, 54.8104



45.5148, 46.2968, 45.1832

Rectangle

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



42.1389, 46.2968, 46.2504



41.6851, 46.2968, 51.8224



45.9228, 46.2968, 54.8104



46.4067, 46.2968, 49.0223

Sweetspot

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



42.1402, 46.2988, 46.2514



80.4275, 85.8568, 90.8591



44.2249, 47.0355, 46.2837



17.3626, 18.5205, 19.6293



88.6918, 93.3107, 101.6153



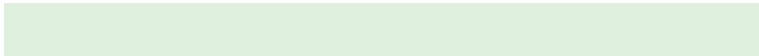
17.8044, 18.7317, 20.3988

Same Dimension

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



42.1402, 46.2988, 46.2514



75.2593, 83.3857, 81.8847



42.3513, 46.3576, 48.5214



9.1855, 10.2040, 9.9669



11.9963, 23.7206, 3.9463



0.4483, 0.8493, 0.1403

Inverse Universe

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



43.1255, 43.4164, 51.4570



77.3690, 77.2141, 93.0306



42.9099, 43.3577, 49.0756



9.4563, 9.4118, 11.3977



17.0180, 8.0843, 31.9165



0.6236, 0.2972, 1.1262

Previews

White Background



This preview shows how the XYZ color 42.1389, 46.2968, 46.2504 looks on a white background.

Color Contrast Check

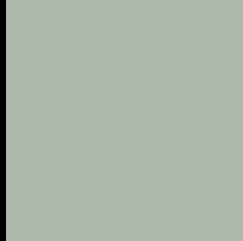
Large Text (above 18pt) WCAG AA × Fail

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 42.1389, 46.2968, 46.2504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

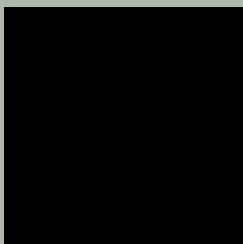
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

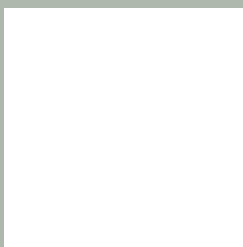
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1389, 46.2968, 46.2504

Background



This preview shows how black text looks on a background with the XYZ color 42.1389, 46.2968, 46.2504.



This preview shows how white text looks on a background with the XYZ color 42.1389, 46.2968,

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

42.1389, 46.2968, 46.2504

Protanopia

44.1655, 46.1476, 45.1077

Deuteranopia

47.1552, 46.1726, 46.9843



Tritanopia

44.5057, 46.3350, 58.2276

Trichromacy



Original Color

42.1389, 46.2968, 46.2504

Protanomaly

43.2617, 45.9714, 45.6230

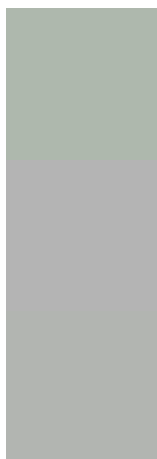
Deuteranomaly

45.0462, 45.9731, 46.5439

Tritanomaly

43.6021, 46.2739, 53.6474

Monochromacy



Original Color

42.1389, 46.2968, 46.2504

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.8198, 45.6870, 48.1566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1389, 46.2968, 46.2504 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(174, 184, 173)` looks like.

```
.text, #text, p{  
    color:rgb(174, 184, 173)  
}
```

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(174, 184, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 184, 173) }
```

Border

The CSS property to change the border of an element to XYZ 42.1389, 46.2968, 46.2504 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(174, 184, 173) }
```


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

```
.border{ border-color:rgb(174, 184, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 184, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 184, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 184, 173);  
box-shadow:4px 4px 4px 4px rgb(174, 184,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1389, 46.2968, 46.2504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 184, 173) }
```

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

```
.background{ background-color: rgb(174,  
184, 173) }
```

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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