

Converting Colors

XYZ(43.0033, 47.2095, 45.6471)

Have a look what the booklet for
XYZ(43.0033, 47.2095, 45.6471)
contains.

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Color

**XYZ(42.9268, 47.0236,
45.8437)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B9AC
RGB	177, 185, 172
RGB Percent	69%, 73%, 67%
CMY	0.3059, 0.2745, 0.3255
CMYK	0.04, 0.00, 0.07, 0.27
HSL	97°, 8%, 70%
HSV	97°, 7%, 73%
XYZ	42.9268, 47.0236, 45.8437
YIQ	181.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

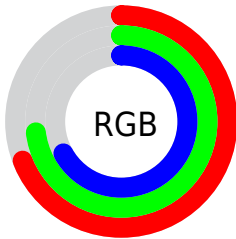
Format	Color
RYB	172, 185, 180
Decimal	11647404
CIELab	74.20, -5.20, 5.63
CIELCh	74, 7.657, 132.724
Yxy	47.0236, 0.3161, 0.3463
Android (android.graphics.Color)	4289837484 (0xFFB1B9AC)
YUV	181.1260, -4.4991, -3.6185
Hunter-Lab	68.5738, -8.2640, 8.3644

Details

The XYZ color **42.9268, 47.0236, 45.8437** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.3337, 42.7124, 51.9145**, and the grayscale version is **44.0140, 46.3062, 50.4274**.

A 20% lighter version of the original color is **78.9247, 85.7803, 85.0705**, and **19.9536, 22.1437, 20.9918** is the 20% darker color. If you saturate the color by 10%, you get **38.7862, 45.0816, 37.0117**, and if you desaturate by 10%, it is **47.5339, 49.1802, 55.9907**.

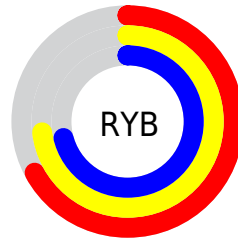
Distribution



Red (69%)

Green (73%)

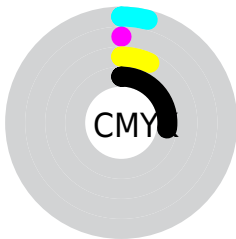
Blue (67%)



Red (67%)

Yellow (73%)

Blue (71%)

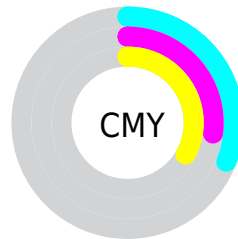


Cyan (4%)

Magenta (0%)

Yellow (7%)

Black (27%)



Cyan (31%)

Magenta (27%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9268, 47.0236, 45.8437 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 42.9268, 47.0236, 45.8437 by changing the saturation by 10% instead.

■ 42.9268, 47.0236,
45.8437

■ 42.9268, 47.0236,
45.8437

349.2373,
374.9087, 386.4392

■ 30.0220, 33.0543,
31.7747

■ 78.8568, 85.7488,
85.3169

■ 20.0034, 22.1681,
20.9261

102.6126,
111.2736, 111.5581

■ 12.5058, 13.9804,
12.8793

130.7162,
141.4190, 142.6939

■ 7.1638, 8.1071,
7.2157

163.5329,
176.5693, 179.1427

■ 3.6120, 4.1635,
3.5169

201.4279,
217.1091, 221.3231

■ 1.4850, 1.7655,
1.3642

244.7668,

■ 0.3156, 0.4655,

263.4226, 269.6536

0.1136

293.9148,
315.8944, 324.5528

0.0000, 0.0000,
0.0000

42.9268, 47.0236,
45.8437

42.9268, 47.0236,
45.8437

38.7862, 45.0816,
37.0117

47.5339, 49.1802,
55.9907

35.0927, 43.3414,
29.4380

52.6183, 51.5518,
67.5003

31.8314, 41.7977,
23.0660

58.1951, 54.1466,
80.4215

28.9847, 40.4431,
17.8338

64.2778, 56.9704,
94.7999

26.5342, 39.2693,
13.6740

69.3109, 59.4015,
102.4203

■ 24.4593, 38.2675,
10.5119

■ 73.1693, 61.3906,
102.6009

■ 22.7376, 37.4279,
8.2635

■ 76.6399, 63.1798,
102.7633

■ 21.3436, 36.7396,
6.8306

■ 20.2440, 36.1883,
6.0759

Harmonies

Analogous

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



44.1154, 47.0236, 44.1726



42.9268, 47.0236, 45.8437



42.2202, 47.0236, 48.9876

Triad

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



42.9268, 47.0236, 45.8437



43.9149, 47.0236, 58.7667



47.3200, 47.0236, 49.5530

Complementary

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



42.9268, 47.0236, 45.8437



42.3337, 42.7124, 51.9145

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.



47.2637, 47.0236, 53.4795



42.9268, 47.0236, 45.8437



45.2787, 47.0236, 58.9373

Square

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



42.9268, 47.0236, 45.8437



42.7826, 47.0236, 56.5049



46.5101, 47.0236, 56.9596



46.6625, 47.0236, 46.2393

Rectangle

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



42.9268, 47.0236, 45.8437



42.1085, 47.0236, 51.5610



46.5101, 47.0236, 56.9596



47.3843, 47.0236, 50.8421

Sweetspot

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



42.9281, 47.0256, 45.8447



80.8950, 86.0978, 90.8810



43.7367, 45.8566, 45.5765



17.4582, 18.5698, 19.6338



88.6918, 93.3107, 101.6153



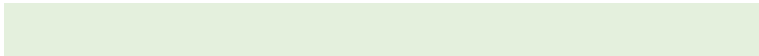
17.8044, 18.7317, 20.3988

Same Dimension

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



42.9281, 47.0256, 45.8447



76.0219, 83.8159, 80.2459



41.9355, 46.4994, 46.4534



9.2081, 10.2239, 9.5950



13.6650, 24.5809, 4.0244



0.5516, 0.9026, 0.1451

Inverse Universe

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



42.3337, 42.7124, 51.9145



74.7996, 74.9459, 92.7283



43.3822, 43.2687, 51.2502



9.0374, 8.9857, 11.3375



10.7595, 4.8579, 31.6237



0.4461, 0.2057, 1.1179

Previews

White Background



This preview shows how the XYZ color 42.9268, 47.0236, 45.8437 looks on a white background.

Color Contrast Check

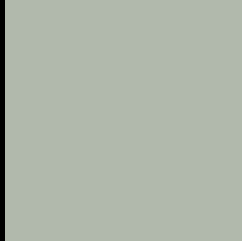
Large Text (above 18pt) WCAG AA × Fail

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 42.9268, 47.0236, 45.8437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

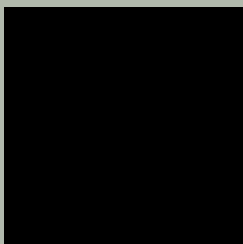
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

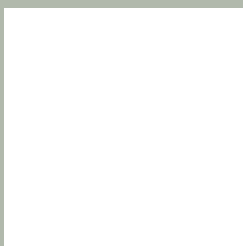
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9268, 47.0236, 45.8437

Background



This preview shows how black text looks on a background with the XYZ color 42.9268, 47.0236, 45.8437.

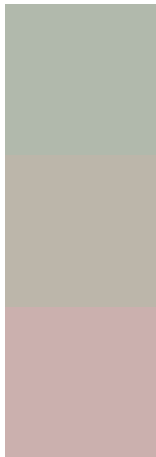


This preview shows how white text looks on a background with the XYZ color 42.9268, 47.0236,

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

42.9268, 47.0236, 45.8437

Protanopia

44.7227, 47.0495, 44.7545

Deuteranopia

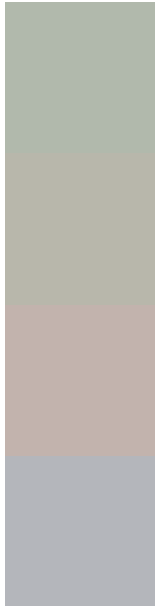
47.7939, 46.8032, 46.5593



Tritanopia

45.5437, 46.8570, 58.8685

Trichromacy



Original Color

42.9268, 47.0236, 45.8437

Protanomaly

44.0513, 46.9976, 45.2778

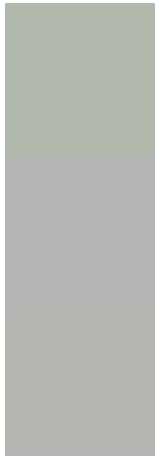
Deuteranomaly

45.9111, 46.7267, 46.1345

Tritanomaly

44.5200, 46.7471, 53.6903

Monochromacy



Original Color

42.9268, 47.0236, 45.8437

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.5862, 46.3735, 48.7732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9268, 47.0236, 45.8437 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(177, 185, 172)` looks like.

```
.text, #text, p{  
    color:rgb(177, 185, 172)  
}
```

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(177, 185, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 185, 172) }
```

Border

The CSS property to change the border of an element to XYZ 42.9268, 47.0236, 45.8437 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(177, 185, 172) }
```


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

```
.border{ border-color:rgb(177, 185, 172) }
```

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

Here you see how a box with a 4 pixel rgb(177, 185, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 185, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 185, 172);  
box-shadow:4px 4px 4px 4px rgb(177, 185,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9268, 47.0236, 45.8437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 185, 172) }
```

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

```
.background{ background-color: rgb(177,  
185, 172) }
```

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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