

Converting Colors

XYZ(42.7636, 47.1164, 46.3762)

Have a look what the booklet for
XYZ(42.7636, 47.1164, 46.3762)
contains.

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Color

**XYZ(42.7809, 47.2489,
46.4003)**

Conversions

Conversions Part 1

Format	Color
Hex	AFBAAD
RGB	175, 186, 173
RGB Percent	69%, 73%, 68%
CMY	0.3137, 0.2706, 0.3216
CMYK	0.06, 0.00, 0.07, 0.27
HSL	111°, 9%, 70%
HSV	111°, 7%, 73%
XYZ	42.7809, 47.2489, 46.4003
YIQ	181.2290, -2.3830, -6.3750

Conversions

Conversions Part 2

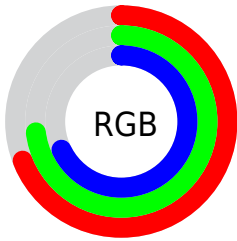
Format	Color
RYB	173, 186, 184
Decimal	11516589
CIELab	74.35, -6.25, 5.27
CIELCh	74, 8.175, 139.869
Yxy	47.2489, 0.3136, 0.3463
Android (android.graphics.Color)	4289706669 (0xFFAFBAAD)
YUV	181.2290, -4.0569, -5.4628
Hunter-Lab	68.7378, -9.1968, 8.0938

Details

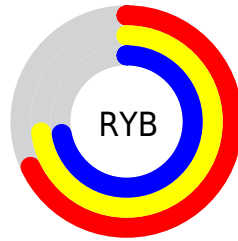
The XYZ color **42.7809, 47.2489, 46.4003** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.5755, 43.6240, 52.5804**, and the grayscale version is **44.0681, 46.3631, 50.4894**.

A 20% lighter version of the original color is **78.7107, 86.0946, 85.8682**, and **20.0071, 22.3665, 21.3518** is the 20% darker color. If you saturate the color by 10%, you get **37.7759, 44.8638, 37.4158**, and if you desaturate by 10%, it is **48.4510, 49.9506, 56.7260**.

Distribution



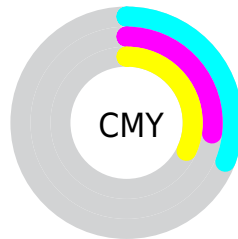
- Red (69%)
- Green (73%)
- Blue (68%)



- Red (68%)
- Yellow (73%)
- Blue (72%)



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



- Cyan (31%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7809, 47.2489, 46.4003 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 42.7809, 47.2489, 46.4003 by changing the saturation by 10% instead.

■ 42.7809, 47.2489,
46.4003

■ 42.7809, 47.2489,
46.4003

348.6468,
375.8072, 388.7399

■ 29.9070, 33.2325,
32.2109

■ 78.6379, 86.0850,
86.1583

■ 19.9157, 22.3046,
21.2565

102.3517,
111.6735, 112.5641

■ 12.4417, 14.0809,
13.1185

130.4096,
141.8881, 143.8789

■ 7.1196, 8.1769,
7.3785

163.1768,
177.1133, 180.5215

■ 3.5840, 4.2084,
3.6179

201.0188,
217.7334, 222.9104

■ 1.4696, 1.7908,
1.4182

244.3009,

■ 0.3050, 0.4814,

264.1328, 271.4640

0.1558

293.3884,
316.6959, 326.6010

■ 0.0000, 0.0000,
0.0000

■ 42.7809, 47.2489,
46.4003

■ 42.7809, 47.2489,
46.4003

■ 37.7759, 44.8638,
37.4158

■ 48.4510, 49.9506,
56.7260

■ 33.4077, 42.7778,
29.7144

■ 54.8053, 52.9737,
68.4414

■ 29.6517, 40.9810,
23.2387

■ 61.8671, 56.3303,
81.5965

■ 26.4802, 39.4603,
17.9252

■ 69.6575, 60.0304,
96.2379

■ 23.8633, 38.2020,
13.7052

■ 76.3736, 63.3542,
102.8110

■ 21.7687, 37.1909,
10.5026

■ 76.8498, 63.5997,
102.8333

■ 20.1603, 36.4103,
8.2315

■ 18.9973, 35.8414,
6.7918

■ 18.2287, 35.4609,
6.0446

Harmonies

Analogous

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



43.9543, 47.2489, 44.1986



42.7809, 47.2489, 46.4003



42.1818, 47.2489, 50.0345

Triad

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



42.7809, 47.2489, 46.4003



44.4131, 47.2489, 59.8381



47.6212, 47.2489, 48.7420

Complementary

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



42.7809, 47.2489, 46.4003



43.5755, 43.6240, 52.5804

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.



47.7506, 47.2489, 52.8838



42.7809, 47.2489, 46.4003



45.8767, 47.2489, 59.4454

Square

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



42.7809, 47.2489, 46.4003



43.1104, 47.2489, 57.8904



47.1058, 47.2489, 56.8449



46.7562, 47.2489, 45.4986

Rectangle

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



42.7809, 47.2489, 46.4003



42.1797, 47.2489, 52.8468



47.1058, 47.2489, 56.8449



47.7529, 47.2489, 50.0702

Sweetspot

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



42.7822, 47.2509, 46.4013



82.4822, 87.9944, 93.0687



44.9004, 47.6702, 46.3706



18.1874, 19.3890, 20.5379



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.



42.7822, 47.2509, 46.4013



76.4454, 85.1184, 82.1206



42.7630, 47.1918, 48.6257



9.0155, 10.1246, 9.5860



12.1879, 23.8194, 3.9552



0.4704, 0.8607, 0.1413

Inverse Universe

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



43.5755, 43.6240, 52.5804



78.1053, 77.5295, 95.0495



43.6040, 43.6911, 50.2124



9.2416, 9.0909, 11.3471



15.4206, 7.2608, 31.8418



0.5807, 0.2751, 1.1242

Previews

White Background



This preview shows how the XYZ color 42.7809, 47.2489, 46.4003 looks on a white background.

Color Contrast Check

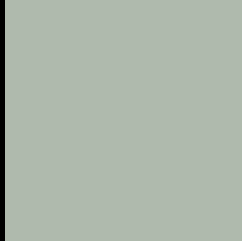
Large Text (above 18pt) WCAG AA × Fail

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 42.7809, 47.2489, 46.4003 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

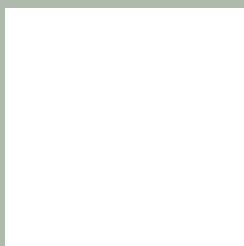
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7809, 47.2489, 46.4003

Background



This preview shows how black text looks on a background with the XYZ color 42.7809, 47.2489, 46.4003.



This preview shows how white text looks on a background with the XYZ color 42.7809, 47.2489,

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

42.7809, 47.2489, 46.4003

Protanopia

45.0649, 47.2150, 45.2663

Deuteranopia

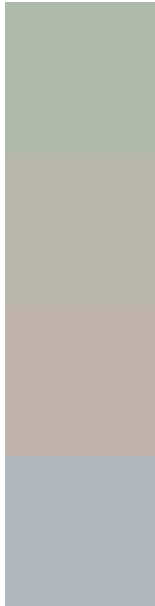
48.0886, 47.2359, 47.1403



Tritanopia

45.3964, 47.0708, 59.5163

Trichromacy



Original Color

42.7809, 47.2489, 46.4003

Protanomaly

44.1470, 47.0359, 45.7818

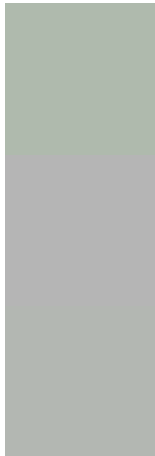
Deuteranomaly

45.9536, 47.0360, 46.7012

Tritanomaly

44.3707, 46.9628, 54.3031

Monochromacy



Original Color

42.7809, 47.2489, 46.4003

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.5598, 46.6650, 48.8309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7809, 47.2489, 46.4003 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, 186, 173)` looks like.

```
.text, #text, p{  
    color:rgb(175, 186, 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(175, 186, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 186, 173) }
```

Border

The CSS property to change the border of an element to XYZ 42.7809, 47.2489, 46.4003 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, 186, 173) }
```


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

```
.border{ border-color:rgb(175, 186, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 186, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 186, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 186, 173);  
box-shadow:4px 4px 4px 4px rgb(175, 186,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7809, 47.2489, 46.4003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 186, 173) }
```

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

```
.background{ background-color: rgb(175,  
186, 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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