

Converting Colors

XYZ(42.0624, 43.6632, 47.4144)

Have a look what the booklet for
XYZ(42.0624, 43.6632, 47.4144)
contains.

XYZ(41.9888, 43.4978, 47.2572)	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(41.9888, 43.4978,
47.2572)**

Conversions

Conversions Part 1

Format	Color
Hex	B4AFB0
RGB	180, 175, 176
RGB Percent	71%, 69%, 69%
CMY	0.2941, 0.3137, 0.3098
CMYK	0.00, 0.03, 0.02, 0.29
HSL	348°, 3%, 70%
HSV	348°, 3%, 71%
XYZ	41.9888, 43.4978, 47.2572
YIQ	176.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

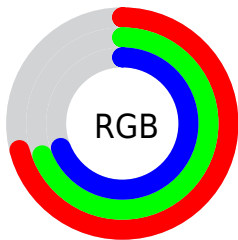
Format	Color
RYB	180, 175, 176
Decimal	11841456
CIELab	71.89, 1.96, 0.11
CIELCh	72, 1.964, 3.255
Yxy	43.4978, 0.3163, 0.3277
Android (android.graphics.Color)	4290031536 (0xFFB4AFB0)
YUV	176.6090, -0.3002, 2.9739
Hunter-Lab	65.9529, -1.7757, 3.6839

Details

The XYZ color **41.9888, 43.4978, 47.2572** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.1387, 45.0122, 49.1172**, and the grayscale version is **41.5865, 43.7522, 47.6462**.

A 20% lighter version of the original color is **77.7335, 80.8109, 87.8450**, and **19.4734, 20.1332, 21.9285** is the 20% darker color. If you saturate the color by 10%, you get **37.3657, 36.4130, 39.0520**, and if you desaturate by 10%, it is **47.2327, 51.5809, 56.4170**.

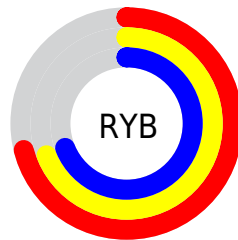
Distribution



Red (71%)

Green (69%)

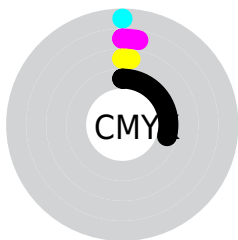
Blue (69%)



Red (71%)

Yellow (69%)

Blue (69%)

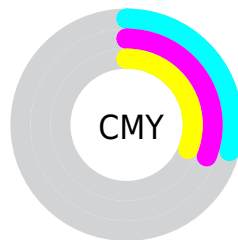


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9888, 43.4978, 47.2572 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 41.9888, 43.4978, 47.2572 by changing the saturation by 10% instead.

■ 41.9888, 43.4978,
47.2572

■ 41.9888, 43.4978,
47.2572

345.4289,
360.6550, 392.2637

■ 29.2836, 30.2759,
32.8832

■ 77.4479, 80.4615,
87.4514

■ 19.4408, 20.0481,
21.7666

100.9326,
104.9721, 114.1087

■ 12.0951, 12.4300,
13.4888

128.7411,
134.0144, 145.6976

■ 6.8812, 7.0372,
7.6313

161.2388,
167.9728, 182.6365

■ 3.4336, 3.4854,
3.7756

198.7911,
207.2316, 225.3440

■ 1.3870, 1.3901,
1.5031

241.7633,

■ 0.2469, 0.2094,

252.1754, 274.2387

0.2202

290.5208,
303.1883, 329.7391

■ 0.0000, 0.0000,
0.0000

■ 41.9888, 43.4978,
47.2572

■ 41.9888, 43.4978,
47.2572

■ 37.3657, 36.4130,
39.0520

■ 47.2327, 51.5809,
56.4170

■ 33.3368, 30.2822,
31.7677

■ 53.1155, 60.6932,
66.5581

■ 29.8786, 25.0664,
25.3727

■ 59.6593, 70.8710,
77.7095

■ 26.9652, 20.7215,
19.8327

■ 66.8837, 82.1474,
89.8983

■ 24.5680, 17.1997,
15.1108

■ 71.5327, 88.0034,
102.0586

■ 22.6564, 14.4487,
11.1676

■ 72.6326, 88.4434,
107.8509

■ 21.1959, 12.4103,
7.9604

■ 20.1478, 11.0176,
5.4421

■ 19.4662, 10.1912,
3.5596

Harmonies

Analogous

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



41.9204, 43.4978, 48.1955



41.9888, 43.4978, 47.2572



41.8835, 43.4978, 46.3588

Triad

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



41.9888, 43.4978, 47.2572



40.9917, 43.4978, 45.8380



41.0546, 43.4978, 49.0257

Complementary

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



41.9888, 43.4978, 47.2572



42.1387, 45.0122, 49.1172

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.



40.8079, 43.4978, 48.3790



41.9888, 43.4978, 47.2572



40.7717, 43.4978, 46.5376

Square

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



41.9888, 43.4978, 47.2572



41.3068, 43.4978, 45.5464



40.7046, 43.4978, 47.4664



41.3799, 43.4978, 49.2246

Rectangle

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



41.9888, 43.4978, 47.2572



41.7293, 43.4978, 45.9010



40.7046, 43.4978, 47.4664



40.9598, 43.4978, 48.8531

Sweetspot

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



41.9900, 43.4997, 47.2581



77.7255, 81.3178, 88.4822



42.1599, 43.5409, 49.3627



16.8100, 17.5922, 19.1430



86.6293, 91.1408, 99.2523



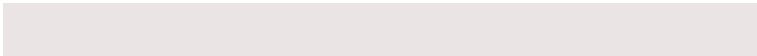
17.0014, 17.8868, 19.4787

Same Dimension

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



41.9900, 43.4997, 47.2581



75.8902, 78.4955, 85.2554



42.1851, 44.0471, 46.8382



9.1417, 9.4191, 10.2234



13.3780, 6.8688, 1.8847



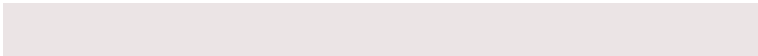
0.4412, 0.2242, 0.1661

Inverse Universe

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



41.9900, 43.4997, 47.2581



75.8902, 78.4955, 85.2554



41.9389, 44.4507, 49.5500



9.1417, 9.4191, 10.2234



13.3780, 6.8688, 1.8847



0.4412, 0.2242, 0.1661

Previews

White Background



This preview shows how the XYZ color 41.9888, 43.4978, 47.2572 looks on a white background.

Color Contrast Check

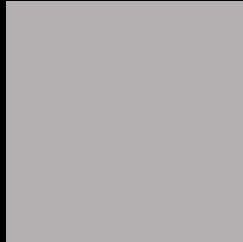
Large Text (above 18pt) WCAG AA × Fail

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 41.9888, 43.4978, 47.2572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

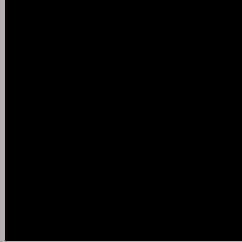
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

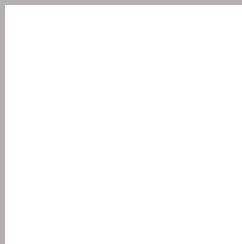
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.9888, 43.4978, 47.2572

Background



This preview shows how black text looks on a background with the XYZ color 41.9888, 43.4978, 47.2572.

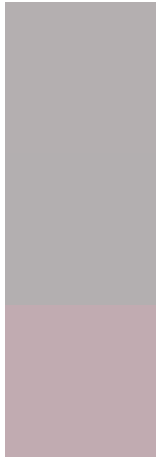


This preview shows how white text looks on a background with the XYZ color 41.9888, 43.4978,

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

41.9888, 43.4978, 47.2572

Protanopia

41.7569, 43.3782, 47.2463

Deuteranopia

44.4910, 43.6376, 47.6729



Tritanopia

43.2046, 43.4201, 53.1175

Trichromacy



Original Color

41.9888, 43.4978, 47.2572

Protanomaly

41.7569, 43.3782, 47.2463

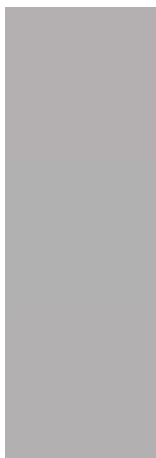
Deuteranomaly

43.4274, 43.3707, 47.6775

Tritanomaly

42.7394, 43.5148, 50.9463

Monochromacy



Original Color

41.9888, 43.4978, 47.2572

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.8212, 43.6900, 47.8238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9888, 43.4978, 47.2572 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(180, 175, 176)` looks like.

```
.text, #text, p{  
    color:rgb(180, 175, 176)  
}
```

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(180, 175, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 175, 176) }
```

Border

The CSS property to change the border of an element to XYZ 41.9888, 43.4978, 47.2572 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(180, 175, 176) }
```


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

```
.border{ border-color:rgb(180, 175, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 175, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 175, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 175, 176);  
box-shadow:4px 4px 4px 4px rgb(180, 175,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9888, 43.4978, 47.2572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 175, 176) }
```

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

```
.background{ background-color: rgb(180,  
175, 176) }
```

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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