

Converting Colors

XYZ(43.0842, 41.7256, 47.7786)

Have a look what the booklet for
XYZ(43.0842, 41.7256, 47.7786)
contains.

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Color

**XYZ(43.0898, 41.7989,
47.9164)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA7B2
RGB	190, 167, 178
RGB Percent	75%, 65%, 70%
CMY	0.2549, 0.3451, 0.3020
CMYK	0.00, 0.12, 0.06, 0.25
HSL	331°, 15%, 70%
HSV	331°, 12%, 75%
XYZ	43.0898, 41.7989, 47.9164
YIQ	175.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

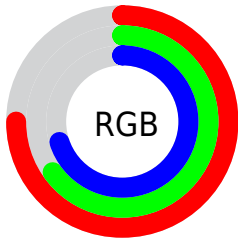
Format	Color
R_{YB}	190, 167, 178
Decimal	12494770
CIE _{Lab}	70.73, 10.26, -2.59
CIE _{LCh}	71, 10.580, 345.839
Yxy	41.7989, 0.3245, 0.3147
Android (android.graphics.Color)	4290684850 (0xFFBEA7B2)
YUV	175.1310, 1.4144, 13.0401
Hunter-Lab	64.6521, 5.8269, 1.3141

Details

The XYZ color **43.0898, 41.7989, 47.9164** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4881, 48.2982, 49.7332**, and the grayscale version is **40.8055, 42.9306, 46.7514**.

A 20% lighter version of the original color is **78.9786, 77.7759, 88.6915**, and **20.1489, 19.0605, 22.0191** is the 20% darker color. If you saturate the color by 10%, you get **38.9020, 34.9588, 41.7855**, and if you desaturate by 10%, it is **47.8633, 49.6942, 54.5985**.

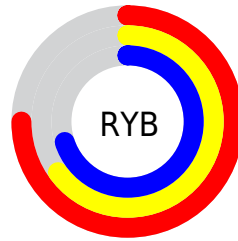
Distribution



Red (75%)

Green (65%)

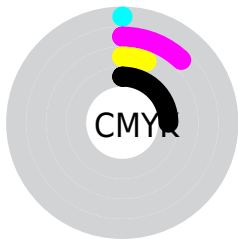
Blue (70%)



Red (75%)

Yellow (65%)

Blue (70%)

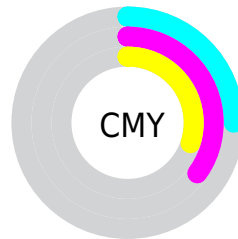


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0898, 41.7989, 47.9164 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 43.0898, 41.7989, 47.9164 by changing the saturation by 10% instead.


 43.0898, 41.7989,
47.9164


 43.0898, 41.7989,
47.9164

349.8962,
353.6486, 394.9598

 30.1504, 28.9439,
33.4012


 79.1012, 77.8952,
88.4442

 20.1014, 19.0384,
22.1603


 102.9040,
101.9052, 115.2938

 12.5775, 11.6980,
13.7753


131.0585,
130.4023, 147.0920

 7.2132, 6.5384,
7.8276

163.9303,
163.7710, 184.2572

 3.6433, 3.1751,
3.8986

201.8846,
202.3956, 227.2081

 1.5024, 1.2238,
1.5699

245.2867,

 0.3275, 0.0810,

246.6604, 276.3631

0.2692

294.5022,
296.9500, 332.1408

■ 0.0000, 0.0000,
0.0000

■ 43.0898, 41.7989,
47.9164

■ 43.0898, 41.7989,
47.9164

■ 38.9020, 34.9588,
41.7855

■ 47.8633, 49.6942,
54.5985

■ 35.2727, 29.1235,
36.1878

■ 53.2414, 58.6815,
61.8439

■ 32.1776, 24.2463,
31.1081

■ 59.2462, 68.8026,
69.6675

■ 29.5892, 20.2751,
26.5292

■ 65.8978, 80.0955,
78.0828

■ 27.4777, 17.1523,
22.4329

■ 70.9399, 88.0451,
86.3442

■ 25.8094, 14.8141,
18.7993

■ 72.3530, 88.6103,
93.7852

■ 24.5464, 13.1871,
15.6069

■ 73.8462, 89.2076,
101.6483

■ 23.6435, 12.1839,
12.8312

■ 75.0455, 89.6873,
107.9638

■ 23.1176, 11.7001,
10.9050

Harmonies

Analogous

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



42.1979, 41.7989, 52.5792



43.0898, 41.7989, 47.9164



43.0628, 41.7989, 42.9258

Triad

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



43.0898, 41.7989, 47.9164



38.8150, 41.7989, 36.8365



37.4247, 41.7989, 52.7998

Complementary

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



43.0898, 41.7989, 47.9164



42.4881, 48.2982, 49.7332

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.



36.5711, 41.7989, 48.1998



43.0898, 41.7989, 47.9164



37.3576, 41.7989, 39.1080

Square

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



43.0898, 41.7989, 47.9164



40.5595, 41.7989, 36.7730



36.5469, 41.7989, 43.1892



38.9091, 41.7989, 55.5360

Rectangle

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



43.0898, 41.7989, 47.9164



42.5263, 41.7989, 40.0867



36.5469, 41.7989, 43.1892



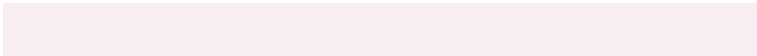
37.0564, 41.7989, 51.4057

Sweetspot

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



43.0910, 41.8007, 47.9173



84.9529, 87.0927, 96.4850



41.6780, 40.9269, 54.4188



18.5053, 18.8766, 20.9800



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



43.0910, 41.8007, 47.9173



75.5912, 71.6542, 83.2377



42.1008, 41.5172, 42.3560



9.7150, 9.6103, 10.8884



15.4109, 7.7955, 7.4575



0.6367, 0.3186, 0.4663

Inverse Universe

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



43.0910, 41.8007, 47.9173



75.5912, 71.6542, 83.2377



43.5624, 48.5953, 55.7997



9.7150, 9.6103, 10.8884



15.4109, 7.7955, 7.4575



0.6367, 0.3186, 0.4663

Previews

White Background



This preview shows how the XYZ color 43.0898, 41.7989, 47.9164 looks on a white background.

Color Contrast Check

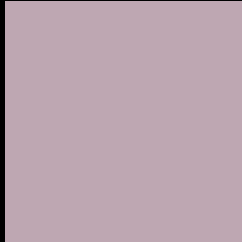
Large Text (above 18pt) WCAG AA × Fail

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 43.0898, 41.7989, 47.9164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

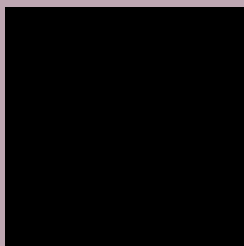
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0898, 41.7989, 47.9164

Background



This preview shows how black text looks on a background with the XYZ color 43.0898, 41.7989, 47.9164.



This preview shows how white text looks on a background with the XYZ color 43.0898, 41.7989,

47.9164.

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

43.0898, 41.7989, 47.9164

Protanopia

40.5486, 41.8399, 49.6548

Deuteranopia

42.7776, 41.9110, 47.9545



Tritanopia

43.2921, 41.8799, 48.9819

Trichromacy



Original Color

43.0898, 41.7989, 47.9164

Protanomaly

41.4353, 41.7480, 49.0543

Deuteranomaly

43.0248, 42.0384, 47.9661

Tritanomaly

43.1906, 41.8393, 48.4472

Monochromacy



Original Color

43.0898, 41.7989, 47.9164

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.4114, 42.3429, 47.0647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0898, 41.7989, 47.9164 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(190, 167, 178)` looks like.

```
.text, #text, p{  
    color:rgb(190, 167, 178)  
}
```

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(190, 167, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 167, 178) }
```

Border

The CSS property to change the border of an element to XYZ 43.0898, 41.7989, 47.9164 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(190, 167, 178) }
```


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

```
.border{ border-color:rgb(190, 167, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 167, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 167, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 167, 178);  
box-shadow:4px 4px 4px 4px rgb(190, 167,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0898, 41.7989, 47.9164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 167, 178) }
```

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

```
.background{ background-color: rgb(190,  
167, 178) }
```

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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