

Converting Colors

XYZ(46.9838, 47.6902, 52.2229)

Have a look what the booklet for
XYZ(46.9838, 47.6902, 52.2229)
contains.

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Color

**XYZ(46.9138, 47.7149,
52.0847)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B5B8
RGB	192, 181, 184
RGB Percent	75%, 71%, 72%
CMY	0.2471, 0.2902, 0.2784
CMYK	0.00, 0.06, 0.04, 0.25
HSL	344°, 8%, 73%
HSV	344°, 6%, 75%
XYZ	46.9138, 47.7149, 52.0847
YIQ	184.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

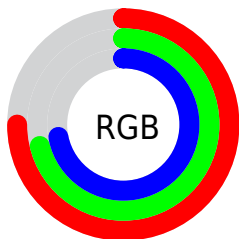
Format	Color
RYB	192, 181, 184
Decimal	12629432
CIELab	74.64, 4.44, -0.13
CIELCh	75, 4.438, 358.302
Yxy	47.7149, 0.3198, 0.3252
Android (android.graphics.Color)	4290819512 (0xFFC0B5B8)
YUV	184.6310, -0.3111, 6.4626
Hunter-Lab	69.0760, 0.3475, 3.6473

Details

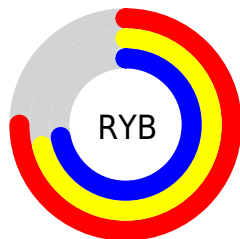
The XYZ color **46.9138, 47.7149, 52.0847** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0928, 51.1983, 55.5467**, and the grayscale version is **45.9098, 48.3007, 52.5994**.

A 20% lighter version of the original color is **84.7238, 86.8161, 94.7298**, and **22.4634, 22.5660, 24.6445** is the 20% darker color. If you saturate the color by 10%, you get **41.8833, 39.8820, 43.5374**, and if you desaturate by 10%, it is **52.6297, 56.6858, 61.5750**.

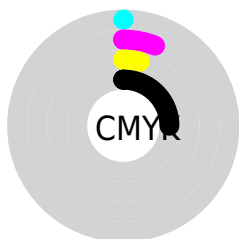
Distribution



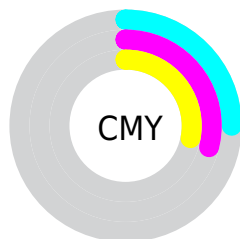
- Red (75%)
- Green (71%)
- Blue (72%)



- Red (75%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (25%)



- Cyan (25%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.9138, 47.7149, 52.0847 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 46.9138, 47.7149, 52.0847 by changing the saturation by 10% instead.

■ 46.9138, 47.7149,
52.0847

■ 46.9138, 47.7149,
52.0847

365.1250,
377.6609, 411.7298

■ 33.1752, 33.6012,
36.6899

■ 84.8045, 86.7798,
94.6840

■ 22.4206, 22.5874,
24.6736

109.6872,
112.4997, 122.7256

■ 14.2846, 14.2891,
15.6172

139.0154,
142.8571, 155.8198

■ 8.4019, 8.3220,
9.1023

173.1543,
178.2365, 194.3852

■ 4.4071, 4.3017,
4.7102

212.4694,
219.0222, 238.8404

■ 1.9349, 1.8437,
2.0225

257.3260,

■ 0.5970, 0.5142,

265.5985, 289.6038

0.5691

308.0894,
318.3500, 347.0941

■ 0.0000, 0.0000,
0.0000

■ 46.9138, 47.7149,
52.0847

■ 46.9138, 47.7149,
52.0847

■ 41.8833, 39.8820,
43.5374

■ 52.6297, 56.6858,
61.5750

■ 37.5080, 33.1355,
35.9006

■ 59.0514, 66.8314,
72.0330

■ 33.7615, 27.4290,
29.1447

■ 66.2038, 78.1943,
83.4865

■ 30.6142, 22.7103,
23.2371

■ 73.2077, 89.0103,
95.6609

■ 28.0338, 18.9229,
18.1431

■ 75.3622, 89.8721,
107.0067

■ 25.9849, 16.0040,
13.8256

■ 75.5485, 89.9466,
107.9873

■ 24.4281, 13.8837,
10.2445

■ 23.3179, 12.4804,
7.3553

■ 22.5987, 11.6931,
5.1079

Harmonies

Analogous

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



46.6791, 47.7149, 54.3137



46.9138, 47.7149, 52.0847



46.7258, 47.7149, 49.8833

Triad

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



46.9138, 47.7149, 52.0847



44.6229, 47.7149, 48.1534



44.5444, 47.7149, 55.8105

Complementary

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



46.9138, 47.7149, 52.0847



47.0928, 51.1983, 55.5467

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.



44.0046, 47.7149, 54.0800



46.9138, 47.7149, 52.0847



44.0495, 47.7149, 49.6625

Square

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



46.9138, 47.7149, 52.0847



45.3974, 47.7149, 47.6541



43.8244, 47.7149, 51.8223



45.3058, 47.7149, 56.5038

Rectangle

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



46.9138, 47.7149, 52.0847



46.3873, 47.7149, 48.7186



43.8244, 47.7149, 51.8223



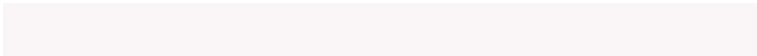
44.3314, 47.7149, 55.3284

Sweetspot

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



46.9152, 47.7170, 52.0857



88.6864, 92.2211, 100.5276



46.9972, 47.6596, 56.5919



19.0486, 19.8197, 21.6039



92.9021, 97.7402, 106.4391



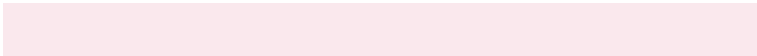
19.4759, 20.4902, 22.3138

Same Dimension

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



46.9152, 47.7170, 52.0857



83.6714, 84.3728, 92.1298



47.0929, 48.5699, 50.6114



10.4034, 10.4651, 11.4282



15.0780, 7.7210, 3.0568



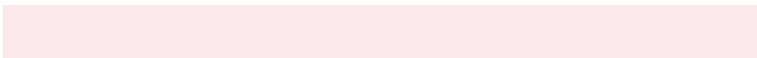
0.6815, 0.3456, 0.2902

Inverse Universe

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



46.9152, 47.7170, 52.0857



83.6714, 84.3728, 92.1298



46.9026, 50.2920, 57.1050



10.4034, 10.4651, 11.4282



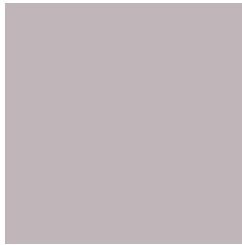
15.0780, 7.7210, 3.0568



0.6815, 0.3456, 0.2902

Previews

White Background



This preview shows how the XYZ color 46.9138, 47.7149, 52.0847 looks on a white background.

Color Contrast Check

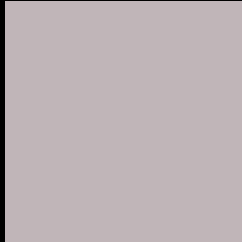
Large Text (above 18pt) WCAG AA × Fail

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 46.9138, 47.7149, 52.0847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

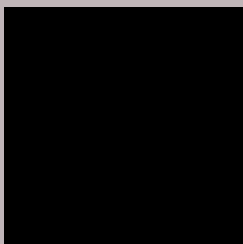
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

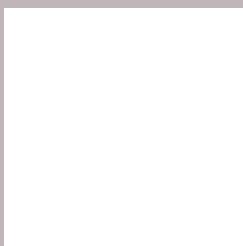
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.9138, 47.7149, 52.0847

Background



This preview shows how black text looks on a background with the XYZ color 46.9138, 47.7149, 52.0847.

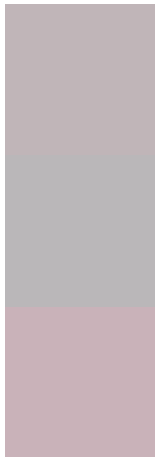


This preview shows how white text looks on a background with the XYZ color 46.9138, 47.7149,

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

46.9138, 47.7149, 52.0847

Protanopia

45.9401, 47.8089, 52.7057

Deuteranopia

48.7647, 47.7611, 52.5476



Tritanopia

48.0512, 47.8750, 57.7472

Trichromacy



Original Color

46.9138, 47.7149, 52.0847

Protanomaly

46.2239, 47.6500, 52.6601

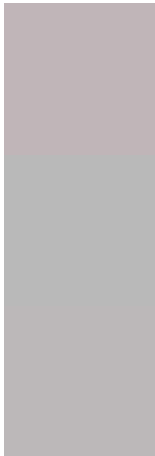
Deuteranomaly

48.1658, 47.7487, 52.5768

Tritanomaly

47.6078, 47.6977, 55.4126

Monochromacy



Original Color

46.9138, 47.7149, 52.0847

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.6365, 48.4751, 52.7976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9138, 47.7149, 52.0847 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(192, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(192, 181, 184)  
}
```

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(192, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 181, 184) }
```

Border

The CSS property to change the border of an element to XYZ 46.9138, 47.7149, 52.0847 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(192, 181, 184) }
```


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

```
.border{ border-color:rgb(192, 181, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 181, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(192, 181,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9138, 47.7149, 52.0847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 181, 184) }
```

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

```
.background{ background-color: rgb(192,  
181, 184) }
```

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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