

Converting Colors

XYZ(41.8750, 42.8882, 46.1156)

Have a look what the booklet for
XYZ(41.8750, 42.8882, 46.1156)
contains.

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Color

**XYZ(41.8750, 42.8882,
46.1156)**

Conversions

Conversions Part 1

Format	Color
Hex	B6ADAE
RGB	182, 173, 174
RGB Percent	71%, 68%, 68%
CMY	0.2863, 0.3216, 0.3176
CMYK	0.00, 0.05, 0.04, 0.29
HSL	353°, 6%, 70%
HSV	353°, 5%, 71%
XYZ	41.8750, 42.8882, 46.1156
YIQ	175.8050, 5.0430, 2.2190

Conversions

Conversions Part 2

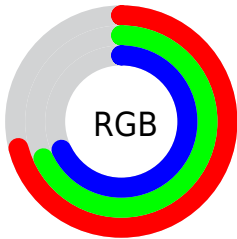
Format	Color
RYB	182, 173, 174
Decimal	11972014
CIELab	71.48, 3.40, 0.63
CIELCh	71, 3.453, 10.506
Yxy	42.8882, 0.3200, 0.3277
Android (android.graphics.Color)	4290162094 (0xFFB6ADAE)
YUV	175.8050, -0.8899, 5.4330
Hunter-Lab	65.4891, -0.4695, 4.0920

Details

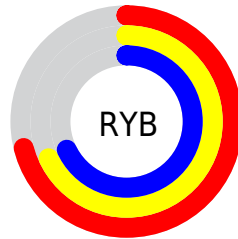
The XYZ color **41.8750, 42.8882, 46.1156** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.3037, 45.6775, 50.3054**, and the grayscale version is **41.1689, 43.3129, 47.1678**.

A 20% lighter version of the original color is **77.1462, 79.3211, 85.3732**, and **19.4035, 19.7470, 21.2012** is the 20% darker color. If you saturate the color by 10%, you get **37.1364, 35.7851, 37.2155**, and if you desaturate by 10%, it is **47.2816, 51.0219, 56.1772**.

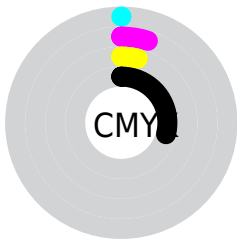
Distribution



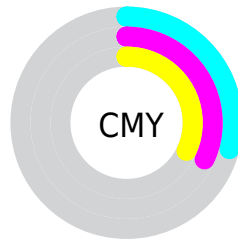
- Red (71%)
- Green (68%)
- Blue (68%)



- Red (71%)
- Yellow (68%)
- Blue (68%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (29%)



- Cyan (29%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8750, 42.8882, 46.1156 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 41.8750, 42.8882, 46.1156 by changing the saturation by 10% instead.

■ 41.8750, 42.8882,
46.1156

■ 41.8750, 42.8882,
46.1156

344.9650,
358.1518, 387.5643

■ 29.1941, 29.7974,
31.9877

■ 77.2768, 79.5421,
85.7281

■ 19.3727, 19.6849,
21.0874

100.7283,
103.8740, 112.0498

■ 12.0455, 12.1662,
12.9960

128.5009,
132.7218, 143.2732

■ 6.8471, 6.8570,
7.2951

160.9597,
166.4698, 179.8168

■ 3.4121, 3.3728,
3.5661

198.4701,
205.5024, 222.0991

■ 1.3753, 1.3293,
1.3905

241.3976,

■ 0.2385, 0.1637,

250.2040, 270.5388

0.1343

290.1074,
300.9590, 325.5544

■ 0.0000, 0.0000,
0.0000

■ 41.8750, 42.8882,
46.1156

■ 41.8750, 42.8882,
46.1156

■ 37.1364, 35.7851,
37.2155

■ 47.2816, 51.0219,
56.1772

■ 33.0363, 29.6662,
29.4325

■ 53.3769, 60.2191,
67.4374

■ 29.5484, 24.4897,
22.7231

■ 60.1853, 70.5183,
79.9346

■ 26.6432, 20.2086,
17.0401

■ 67.7290, 81.9544,
93.7051

■ 24.2888, 16.7722,
12.3327

■ 73.0885, 88.6800,
107.8034

■ 22.4501, 14.1243,
8.5459

■ 73.1017, 88.6852,
107.8728

■ 21.0880, 12.2023,
5.6189

■ 20.1577, 10.9336,
3.4838

■ 19.6054, 10.2306,
2.0621

Harmonies

Analogous

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



41.8288, 42.8882, 47.7765



41.8750, 42.8882, 46.1156



41.6214, 42.8882, 44.6456

Triad

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



41.8750, 42.8882, 46.1156



40.0409, 42.8882, 44.3016



40.3914, 42.8882, 49.7871

Complementary

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



41.8750, 42.8882, 46.1156



42.3037, 45.6775, 50.3054

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.



39.9184, 42.8882, 48.8123



41.8750, 42.8882, 46.1156



39.7173, 42.8882, 45.6358

Square

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



41.8750, 42.8882, 46.1156



40.5601, 42.8882, 43.6149



39.6727, 42.8882, 47.2852



40.9685, 42.8882, 49.9230

Rectangle

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



41.8750, 42.8882, 46.1156



41.3178, 42.8882, 43.9616



39.6727, 42.8882, 47.2852



40.2151, 42.8882, 49.5456

Sweetspot

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



41.8762, 42.8901, 46.1165



79.6215, 83.3208, 90.5146



42.4328, 43.0841, 50.3363



17.5972, 18.4199, 20.0129



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.



41.8762, 42.8901, 46.1165



74.8639, 76.1724, 81.6324



42.4493, 44.1912, 45.8298



9.3549, 9.4943, 10.1618



13.7264, 7.0643, 1.1802



0.4973, 0.2544, 0.1121

Inverse Universe

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



41.8762, 42.8901, 46.1165



74.8639, 76.1724, 81.6324



41.7087, 44.3233, 50.6137



9.3549, 9.4943, 10.1618



13.7264, 7.0643, 1.1802



0.4973, 0.2544, 0.1121

Previews

White Background



This preview shows how the XYZ color 41.8750, 42.8882, 46.1156 looks on a white background.

Color Contrast Check

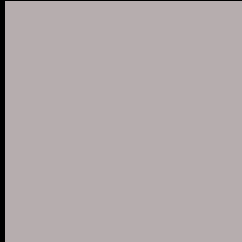
Large Text (above 18pt) WCAG AA × Fail

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 41.8750, 42.8882, 46.1156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

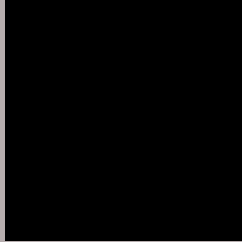
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8750, 42.8882, 46.1156

Background



This preview shows how black text looks on a background with the XYZ color 41.8750, 42.8882, 46.1156.

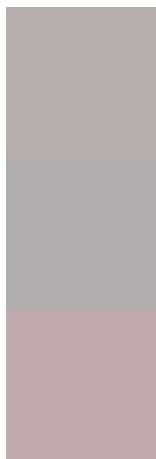


This preview shows how white text looks on a background with the XYZ color 41.8750, 42.8882,

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

41.8750, 42.8882, 46.1156

Protanopia

41.2340, 42.8322, 46.6516

Deuteranopia

43.6641, 42.6775, 46.4937



Tritanopia

43.0870, 42.8189, 51.8929

Trichromacy



Original Color

41.8750, 42.8882, 46.1156

Protanomaly

41.4643, 42.9510, 46.6624

Deuteranomaly

42.8516, 42.5360, 46.5092

Tritanomaly

42.6215, 42.9085, 49.7518

Monochromacy



Original Color

41.8750, 42.8882, 46.1156

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.4279, 43.2201, 46.7163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8750, 42.8882, 46.1156 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(182, 173, 174)` looks like.

```
.text, #text, p{  
    color:rgb(182, 173, 174)  
}
```

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(182, 173, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 173, 174) }
```

Border

The CSS property to change the border of an element to XYZ 41.8750, 42.8882, 46.1156 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(182, 173, 174) }
```


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

```
.border{ border-color:rgb(182, 173, 174) }
```

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

Here you see how a box with a 4 pixel rgb(182, 173, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 173, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 173, 174);  
box-shadow:4px 4px 4px 4px rgb(182, 173,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8750, 42.8882, 46.1156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 173, 174) }
```

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

```
.background{ background-color: rgb(182,  
173, 174) }
```

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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