

Converting Colors

XYZ(42.0270, 43.3884, 46.7067)

Have a look what the booklet for
XYZ(42.0270, 43.3884, 46.7067)
contains.

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Color

**XYZ(42.1239, 43.5788,
46.7488)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AFAF
RGB	181, 175, 175
RGB Percent	71%, 69%, 69%
CMY	0.2902, 0.3137, 0.3137
CMYK	0.00, 0.03, 0.03, 0.29
HSL	0°, 4%, 70%
HSV	0°, 3%, 71%
XYZ	42.1239, 43.5788, 46.7488
YIQ	176.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

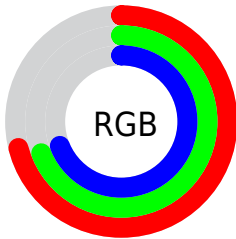
Format	Color
RYB	181, 175, 175
Decimal	11906991
CIELab	71.95, 2.13, 0.75
CIELCh	72, 2.262, 19.374
Yxy	43.5788, 0.3180, 0.3290
Android (android.graphics.Color)	4290097071 (0xFFB5AFAF)
YUV	176.7940, -0.8844, 3.6887
Hunter-Lab	66.0142, -1.6235, 4.2230

Details

The XYZ color **42.1239, 43.5788, 46.7488** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5436, 45.4974, 50.2563**, and the grayscale version is **41.6861, 43.8570, 47.7602**.

A 20% lighter version of the original color is **77.7839, 80.8695, 86.3726**, and **19.5602, 20.1852, 21.6041** is the 20% darker color. If you saturate the color by 10%, you get **37.1760, 36.3394, 36.9088**, and if you desaturate by 10%, it is **47.7843, 51.8608, 58.0030**.

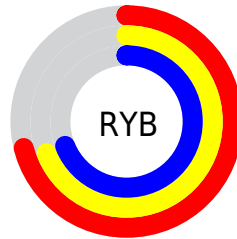
Distribution



Red (71%)

Green (69%)

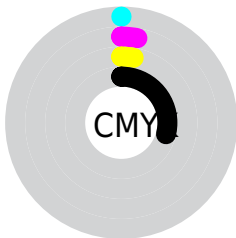
Blue (69%)



Red (71%)

Yellow (69%)

Blue (69%)

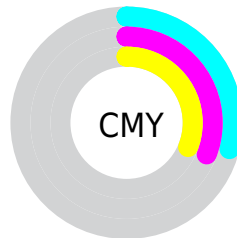


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1239, 43.5788, 46.7488 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 42.1239, 43.5788, 46.7488 by changing the saturation by 10% instead.

■ 42.1239, 43.5788,
46.7488

■ 42.1239, 43.5788,
46.7488

345.9792,
360.9867, 390.1756

■ 29.3899, 30.3395,
32.4842

■ 77.6511, 80.5836,
86.6846

■ 19.5217, 20.0964,
21.4637

101.1750,
105.1178, 113.1929

■ 12.1541, 12.4652,
13.2689

129.0261,
134.1859, 144.6194

■ 6.9216, 7.0613,
7.4810

161.5700,
168.1721, 181.3828

■ 3.4590, 3.5005,
3.6817

199.1719,
207.4609, 223.9016

■ 1.4009, 1.3983,
1.4524

242.1971,

■ 0.2569, 0.2154,

252.4367, 272.5943

0.1821

291.0111,
303.4838, 327.8795

■ 0.0000, 0.0000,
0.0000

■ 42.1239, 43.5788,
46.7488

■ 42.1239, 43.5788,
46.7488

■ 37.1760, 36.3394,
36.9088

■ 47.7843, 51.8608,
58.0030

■ 32.9089, 30.0959,
28.4245

■ 54.1801, 61.2184,
70.7212

■ 29.2939, 24.8065,
21.2373

■ 61.3375, 71.6902,
84.9545

■ 26.2990, 20.4242,
15.2833

■ 69.2805, 83.3113,
100.7503

■ 23.8894, 16.8981,
10.4932

■ 72.8664, 88.5639,
107.8618

■ 22.0266, 14.1721,
6.7909

■ 20.6681, 12.1838,
4.0913

■ 19.7645, 10.8612,
2.2965

■ 19.2571, 10.1181,
1.2891

Harmonies

Analogous

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



42.1535, 43.5788, 47.8426



42.1239, 43.5788, 46.7488



41.9051, 43.5788, 45.8561

Triad

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



42.1239, 43.5788, 46.7488



40.8600, 43.5788, 46.0804



41.2837, 43.5788, 49.5682

Complementary

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



42.1239, 43.5788, 46.7488



42.5436, 45.4974, 50.2563

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.



40.9393, 43.5788, 49.0802



42.1239, 43.5788, 46.7488



40.6957, 43.5788, 47.0594

Square

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



42.1239, 43.5788, 46.7488



41.1748, 43.5788, 45.4743



40.7247, 43.5788, 48.1580



41.6669, 43.5788, 49.4819

Rectangle

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



42.1239, 43.5788, 46.7488



41.6821, 43.5788, 45.4898



40.7247, 43.5788, 48.1580



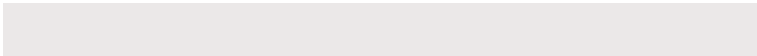
41.1597, 43.5788, 49.4656

Sweetspot

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



42.1251, 43.5807, 46.7497



77.6591, 81.2918, 88.1310



42.7272, 43.8206, 49.9230



16.7964, 17.5869, 19.0711



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.



42.1251, 43.5807, 46.7497



74.7340, 77.0120, 82.3147



42.7150, 44.7604, 46.9464



9.0071, 9.2527, 9.8614



13.1377, 6.7740, 0.6151



0.4135, 0.2134, 0.0194

Inverse Universe

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



42.5436, 45.4974, 50.2563



75.6490, 81.2025, 89.9811



41.9407, 44.2916, 50.0554



9.1338, 9.8329, 10.9229



17.1285, 25.0573, 34.0708



0.5391, 0.7886, 1.0720

Previews

White Background



This preview shows how the XYZ color 42.1239, 43.5788, 46.7488 looks on a white background.

Color Contrast Check

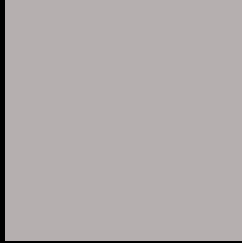
Large Text (above 18pt) WCAG AA × Fail

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 42.1239, 43.5788, 46.7488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

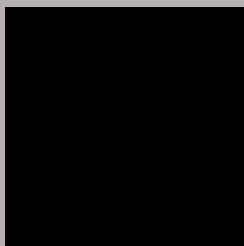
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

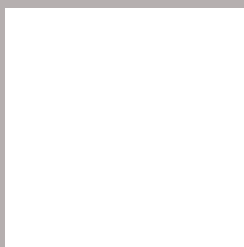
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1239, 43.5788, 46.7488

Background



This preview shows how black text looks on a background with the XYZ color 42.1239, 43.5788, 46.7488.



This preview shows how white text looks on a background with the XYZ color 42.1239, 43.5788,

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

42.1239, 43.5788, 46.7488

Protanopia

41.8902, 43.4584, 46.7379

Deuteranopia

44.3917, 43.5979, 47.1498



Tritanopia

43.4416, 43.5423, 53.1286

Trichromacy



Original Color

42.1239, 43.5788, 46.7488

Protanomaly

41.8902, 43.4584, 46.7379

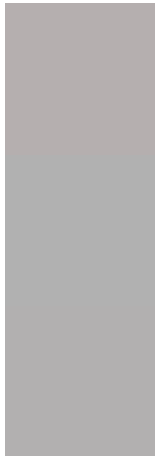
Deuteranomaly

43.5753, 43.4585, 47.1660

Tritanomaly

42.9747, 43.6361, 50.9573

Monochromacy



Original Color

42.1239, 43.5788, 46.7488

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.7219, 43.6502, 47.3007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1239, 43.5788, 46.7488 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(181, 175, 175)` looks like.

```
.text, #text, p{  
    color:rgb(181, 175, 175)  
}
```

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(181, 175, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 175, 175) }
```

Border

The CSS property to change the border of an element to XYZ 42.1239, 43.5788, 46.7488 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(181, 175, 175) }
```


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

```
.border{ border-color:rgb(181, 175, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 175, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 175, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 175, 175);  
box-shadow:4px 4px 4px 4px rgb(181, 175,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1239, 43.5788, 46.7488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 175, 175) }
```

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

```
.background{ background-color: rgb(181,  
175, 175) }
```

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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