

Converting Colors

XYZ(42.5096, 43.9806, 46.7521)

Have a look what the booklet for
XYZ(42.5096, 43.9806, 46.7521)
contains.

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Color

**XYZ(42.5546, 44.0909,
46.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B0AF
RGB	182, 176, 175
RGB Percent	71%, 69%, 69%
CMY	0.2863, 0.3098, 0.3137
CMYK	0.00, 0.03, 0.04, 0.29
HSL	9°, 5%, 70%
HSV	9°, 4%, 71%
XYZ	42.5546, 44.0909, 46.8250
YIQ	177.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

Format	Color
RYB	182, 176, 175
Decimal	11972783
CIELab	72.29, 1.95, 1.26
CIELCh	72, 2.322, 32.873
Yxy	44.0909, 0.3188, 0.3303
Android (android.graphics.Color)	4290162863 (0xFFB6B0AF)
YUV	177.6800, -1.3212, 3.7886
Hunter-Lab	66.4010, -1.8059, 4.6702

Details

The XYZ color **42.5546, 44.0909, 46.8250** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6465, 45.5385, 50.7986**, and the grayscale version is **42.1542, 44.3495, 48.2966**.

A 20% lighter version of the original color is **78.3994, 81.6035, 86.4819**, and **19.8361, 20.5125, 21.6527** is the 20% darker color. If you saturate the color by 10%, you get **38.0029, 37.6576, 37.0751**, and if you desaturate by 10%, it is **47.7009, 51.3267, 57.9629**.

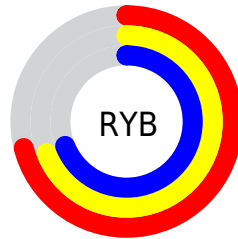
Distribution



Red (71%)

Green (69%)

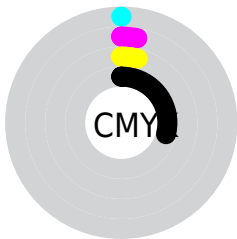
Blue (69%)



Red (71%)

Yellow (69%)

Blue (69%)

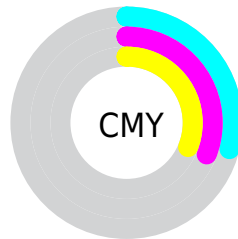


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5546, 44.0909, 46.8250 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 42.5546, 44.0909, 46.8250 by changing the saturation by 10% instead.

■ 42.5546, 44.0909,
46.8250

■ 42.5546, 44.0909,
46.8250

347.7295,
363.0791, 390.4891

■ 29.7288, 30.7420,
32.5440

■ 78.2982, 81.3545,
86.7996

■ 19.7799, 20.4025,
21.5091

101.9467,
106.0380, 113.3302

■ 12.3425, 12.6879,
13.3018

129.9336,
135.2684, 144.7812

■ 7.0512, 7.2140,
7.5035

162.6240,
169.4302, 181.5709

■ 3.5408, 3.5963,
3.6958

200.3835,
208.9078, 224.1181

■ 1.4458, 1.4504,
1.4600

243.5773,

■ 0.2885, 0.2534,

254.0856, 272.8411

0.1878

292.5709,
305.3479, 328.1586

■ 0.0000, 0.0000,
0.0000

■ 42.5546, 44.0909,
46.8250

■ 42.5546, 44.0909,
46.8250

■ 38.0029, 37.6576,
37.0751

■ 47.7009, 51.3267,
57.9629

■ 34.0208, 31.9937,
28.6559

■ 53.4584, 59.3854,
70.5372

■ 30.5866, 27.0719,
21.5105

■ 59.8476, 68.2939,
84.5977

■ 27.6763, 22.8614,
15.5767

■ 66.8871, 78.0761,
100.1906

■ 25.2638, 19.3291,
10.7870

■ 72.7720, 88.0259,
107.7630

■ 23.3207, 16.4394,
7.0675

■ 73.1016, 88.6852,
107.8728

■ 21.8158, 14.1531,
4.3353

■ 20.7140, 12.4272,
2.4955

■ 19.9744, 11.2121,
1.4341

Harmonies

Analogous

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



42.6778, 44.0909, 47.8975



42.5546, 44.0909, 46.8250



42.2578, 44.0909, 46.0788

Triad

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



42.5546, 44.0909, 46.8250



41.2281, 44.0909, 47.0128



41.9455, 44.0909, 50.2351

Complementary

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



42.5546, 44.0909, 46.8250



42.6465, 45.5385, 50.7986

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.



41.5583, 44.0909, 49.9892



42.5546, 44.0909, 46.8250



41.1457, 44.0909, 48.1177

Square

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



42.5546, 44.0909, 46.8250



41.4921, 44.0909, 46.1860



41.2662, 44.0909, 49.2097



42.3248, 44.0909, 49.8762

Rectangle

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



42.5546, 44.0909, 46.8250



42.0023, 44.0909, 45.8606



41.2662, 44.0909, 49.2097



41.8120, 44.0909, 50.2204

Sweetspot

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



42.5558, 44.0928, 46.8260



79.6808, 83.5002, 90.3471



42.9693, 43.9446, 49.9699



17.6096, 18.4575, 19.9778



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.



42.5558, 44.0928, 46.8260



76.0725, 78.4162, 82.5699



43.2370, 45.4550, 47.0530



9.5000, 9.7712, 10.2512



13.9159, 7.6081, 0.7351



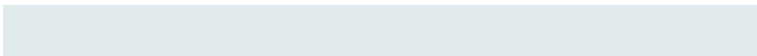
0.5239, 0.3348, 0.0370

Inverse Universe

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



42.6465, 45.5385, 50.7986



76.2882, 81.8529, 92.0141



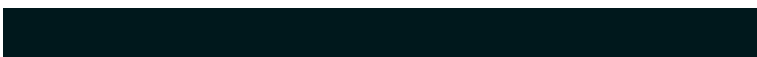
41.9576, 44.1606, 50.5690



9.5297, 10.2455, 11.5548



14.3857, 19.2310, 34.2068



0.5375, 0.7386, 1.2160

Previews

White Background



This preview shows how the XYZ color 42.5546, 44.0909, 46.8250 looks on a white background.

Color Contrast Check

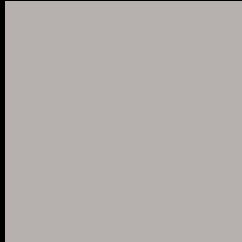
Large Text (above 18pt) WCAG AA × Fail

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 42.5546, 44.0909, 46.8250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

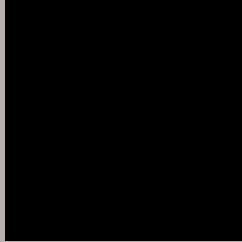
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5546, 44.0909, 46.8250

Background



This preview shows how black text looks on a background with the XYZ color 42.5546, 44.0909, 46.8250.



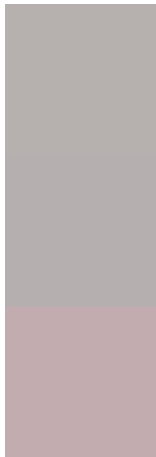
This preview shows how white text looks on a background with the XYZ color 42.5546, 44.0909,

46.8250.

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

42.5546, 44.0909, 46.8250

Protanopia

42.3193, 43.9696, 46.8140

Deuteranopia

45.0947, 44.2417, 47.2371



Tritanopia

43.9803, 44.0933, 53.7698

Trichromacy



Original Color

42.5546, 44.0909, 46.8250

Protanomaly

42.3193, 43.9696, 46.8140

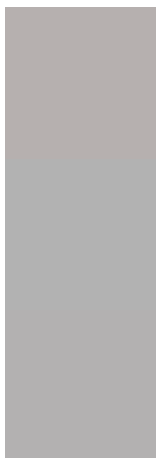
Deuteranomaly

44.0152, 43.9689, 47.2413

Tritanomaly

43.4057, 44.1461, 51.0331

Monochromacy



Original Color

42.5546, 44.0909, 46.8250

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.2484, 44.2023, 47.9001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5546, 44.0909, 46.8250 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, 176, 175)` looks like.

```
.text, #text, p{  
    color:rgb(182, 176, 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(182, 176, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 176, 175) }
```

Border

The CSS property to change the border of an element to XYZ 42.5546, 44.0909, 46.8250 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, 176, 175) }
```


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

```
.border{ border-color:rgb(182, 176, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 176, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 176, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 176, 175);  
box-shadow:4px 4px 4px 4px rgb(182, 176,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5546, 44.0909, 46.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 176, 175) }
```

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

```
.background{ background-color: rgb(182,  
176, 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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