

Converting Colors

XYZ(42.6779, 43.6590, 46.3541)

Have a look what the booklet for
XYZ(42.6779, 43.6590, 46.3541)
contains.

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Color

**XYZ(42.5432, 43.5184,
46.2020)**

Conversions

Conversions Part 1

Format	Color
Hex	B8AEAE
RGB	184, 174, 174
RGB Percent	72%, 68%, 68%
CMY	0.2784, 0.3176, 0.3176
CMYK	0.00, 0.05, 0.05, 0.28
HSL	0°, 7%, 70%
HSV	0°, 5%, 72%
XYZ	42.5432, 43.5184, 46.2020
YIQ	176.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

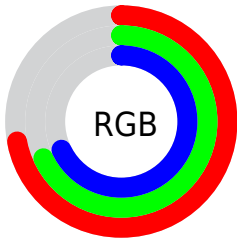
Format	Color
RYB	184, 174, 174
Decimal	12103342
CIELab	71.91, 3.57, 1.27
CIELCh	72, 3.790, 19.596
Yxy	43.5184, 0.3217, 0.3290
Android (android.graphics.Color)	4290293422 (0xFFB8AEAE)
YUV	176.9900, -1.4741, 6.1478
Hunter-Lab	65.9685, -0.3298, 4.6533

Details

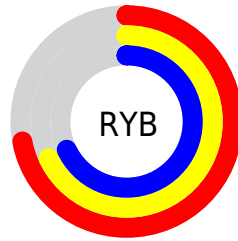
The XYZ color **42.5432, 43.5184, 46.2020** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.2478, 46.7397, 52.0903**, and the grayscale version is **41.7910, 43.9674, 47.8805**.

A 20% lighter version of the original color is **78.0973, 80.2210, 85.4968**, and **19.8325, 20.1495, 21.2563** is the 20% darker color. If you saturate the color by 10%, you get **37.5576, 36.2235, 36.2880**, and if you desaturate by 10%, it is **48.2637, 51.8887, 57.5744**.

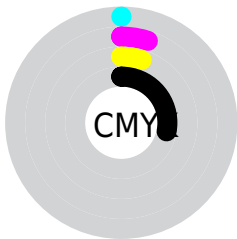
Distribution



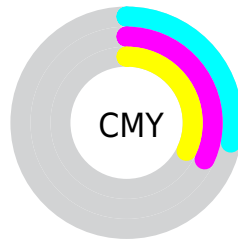
- Red (72%)
- Green (68%)
- Blue (68%)



- Red (72%)
- Yellow (68%)
- Blue (68%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (28%)



- Cyan (28%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5432, 43.5184, 46.2020 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 42.5432, 43.5184, 46.2020 by changing the saturation by 10% instead.

■ 42.5432, 43.5184,
46.2020

■ 42.5432, 43.5184,
46.2020

347.6832,
360.7394, 387.9213

■ 29.7198, 30.2921,
32.0554

■ 78.2811, 80.4926,
85.8587

■ 19.7730, 20.0604,
21.1387

101.9263,
105.0092, 112.2059

■ 12.3375, 12.4389,
13.0332

129.9096,
134.0580, 143.4571

■ 7.0478, 7.0434,
7.3204

162.5962,
168.0235, 180.0308

■ 3.5386, 3.4892,
3.5818

200.3515,
207.2900, 222.3455

■ 1.4446, 1.3922,
1.3988

243.5409,

■ 0.2876, 0.2109,

252.2418, 270.8198

0.1408

292.5297,
303.2635, 325.8722

■ 0.0000, 0.0000,
0.0000

■ 42.5432, 43.5184,
46.2020

■ 42.5432, 43.5184,
46.2020

■ 37.5576, 36.2235,
36.2880

■ 48.2637, 51.8887,
57.5744

■ 33.2736, 29.9551,
27.7708

■ 54.7433, 61.3695,
70.4578

■ 29.6608, 24.6687,
20.5884

■ 62.0097, 72.0014,
84.9058

■ 26.6853, 20.3148,
14.6732

■ 70.0880, 83.8211,
100.9683

■ 24.3102, 16.8391,
9.9518

■ 73.5774, 88.9305,
107.8951

■ 22.4946, 14.1822,
6.3429

■ 21.1927, 12.2769,
3.7556

■ 20.3514, 11.0457,
2.0842

■ 19.9052, 10.3924,
1.1980

Harmonies

Analogous

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



42.5957, 43.5184, 48.0289



42.5432, 43.5184, 46.2020



42.1726, 43.5184, 44.7287

Triad

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



42.5432, 43.5184, 46.2020



40.4250, 43.5184, 45.1174



41.1392, 43.5184, 50.9668

Complementary

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



42.5432, 43.5184, 46.2020



43.2478, 46.7397, 52.0903

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.



40.5637, 43.5184, 50.1427



42.5432, 43.5184, 46.2020



40.1542, 43.5184, 46.7452

Square

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



42.5432, 43.5184, 46.2020



40.9481, 43.5184, 44.1139



40.2047, 43.5184, 48.5863



41.7806, 43.5184, 50.8122

Rectangle

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



42.5432, 43.5184, 46.2020



41.7971, 43.5184, 44.1302



40.2047, 43.5184, 48.5863



40.9317, 43.5184, 50.7942

Sweetspot

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



42.5444, 43.5203, 46.2029



80.4971, 83.8292, 90.4641



43.5556, 43.9238, 51.5306



17.3768, 18.1060, 19.5486



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.



42.5444, 43.5203, 46.2029



75.5100, 76.5322, 80.5486



43.5279, 45.4872, 46.5308



9.2178, 9.3243, 9.7954



13.6239, 7.0242, 0.6377



0.4804, 0.2478, 0.0225

Inverse Universe

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



43.2478, 46.7397, 52.0903



77.1610, 84.0895, 94.3687



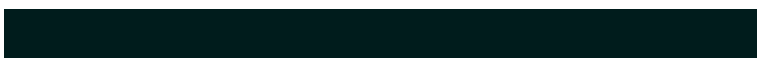
42.2280, 44.7002, 51.7504



9.4298, 10.2944, 11.5695



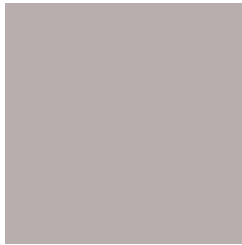
17.7677, 25.9951, 35.3342



0.6264, 0.9165, 1.2456

Previews

White Background



This preview shows how the XYZ color 42.5432, 43.5184, 46.2020 looks on a white background.

Color Contrast Check

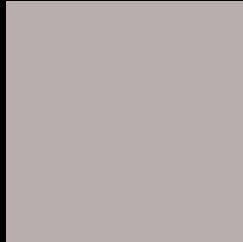
Large Text (above 18pt) WCAG AA × Fail

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 42.5432, 43.5184, 46.2020 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 42.5432, 43.5184, 46.2020

Background



This preview shows how black text looks on a background with the XYZ color 42.5432, 43.5184, 46.2020.



This preview shows how white text looks on a background with the XYZ color 42.5432, 43.5184,

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

42.5432, 43.5184, 46.2020

Protanopia

41.8902, 43.4584, 46.7379

Deuteranopia

44.5489, 43.6903, 46.6425



Tritanopia

43.8652, 43.4893, 52.5367

Trichromacy



Original Color

42.5432, 43.5184, 46.2020

Protanomaly

42.1239, 43.5788, 46.7488

Deuteranomaly

43.7256, 43.5473, 46.6583

Tritanomaly

43.3947, 43.5788, 50.3804

Monochromacy



Original Color

42.5432, 43.5184, 46.2020

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.1842, 43.8886, 47.3223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5432, 43.5184, 46.2020 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(184, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(184, 174, 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(184, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 174, 174) }
```

Border

The CSS property to change the border of an element to XYZ 42.5432, 43.5184, 46.2020 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(184, 174, 174) }
```


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

```
.border{ border-color:rgb(184, 174, 174) }
```

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

Here you see how a box with a 4 pixel rgb(184, 174, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(184, 174,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5432, 43.5184, 46.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 174, 174) }
```

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

```
.background{ background-color: rgb(184,  
174, 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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