

Converting Colors

XYZ(43.4579, 42.3032, 49.0029)

Have a look what the booklet for
XYZ(43.4579, 42.3032, 49.0029)
contains.

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Color

**XYZ(43.4761, 42.2477,
49.0432)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA8B4
RGB	190, 168, 180
RGB Percent	75%, 66%, 71%
CMY	0.2549, 0.3412, 0.2941
CMYK	0.00, 0.12, 0.05, 0.25
HSL	327°, 14%, 70%
HSV	327°, 12%, 75%
XYZ	43.4761, 42.2477, 49.0432
YIQ	175.9460, 9.2600, 8.3960

Conversions

Conversions Part 2

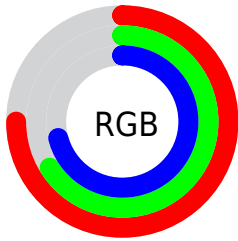
Format	Color
R_{YB}	190, 168, 180
Decimal	12495028
CIE _{Lab}	71.04, 10.07, -3.24
CIE _{LCh}	71, 10.578, 342.173
Yxy	42.2477, 0.3226, 0.3135
Android (android.graphics.Color)	4290685108 (0xFFBEA8B4)
YUV	175.9460, 1.9986, 12.3254
Hunter-Lab	64.9982, 5.6484, 0.7626

Details

The XYZ color **43.4761, 42.2477, 49.0432** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5995, 48.3673, 49.2125**, and the grayscale version is **41.2262, 43.3732, 47.2334**.

A 20% lighter version of the original color is **79.5340, 78.4243, 90.3024**, and **20.3927, 19.3415, 22.7371** is the 20% darker color. If you saturate the color by 10%, you get **39.3690, 35.3977, 43.4674**, and if you desaturate by 10%, it is **48.1530, 50.1484, 55.0805**.

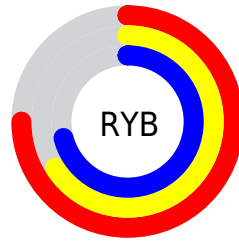
Distribution



Red (75%)

Green (66%)

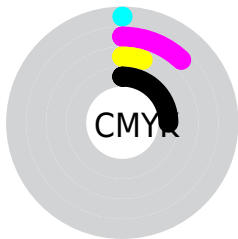
Blue (71%)



Red (75%)

Yellow (66%)

Blue (71%)

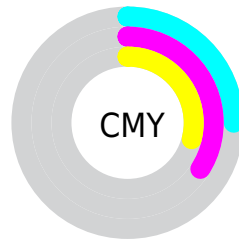


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4761, 42.2477, 49.0432 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 43.4761, 42.2477, 49.0432 by changing the saturation by 10% instead.


 43.4761, 42.2477,
49.0432


 43.4761, 42.2477,
49.0432


351.4545,
355.5087, 399.5397

 30.4550, 29.2953,
34.2879


 79.6801, 78.5744,
90.1373

 20.3340, 19.3043,
22.8357


 103.5936,
102.7174, 117.3131

 12.7477, 11.8904,
14.2681


131.8687,
131.3595, 149.4662

 7.3309, 6.6691,
8.1665

164.8707,
164.8850, 187.0152

 3.7180, 3.2560,
4.1124

202.9649,
203.6782, 230.3784

 1.5439, 1.2668,
1.6872

246.5167,

 0.3554, 0.1153,

248.1237, 279.9746

0.3519

295.8914,
298.6057, 336.2222

■ 0.0000, 0.0000,
0.0000

■ 43.4761, 42.2477,
49.0432

■ 43.4761, 42.2477,
49.0432

■ 39.3690, 35.3977,
43.4674

■ 48.1530, 50.1484,
55.0805

■ 35.8050, 29.5482,
38.3378

■ 53.4177, 59.1361,
61.5887

■ 32.7605, 24.6531,
33.6421

■ 59.2922, 69.2524,
68.5801

■ 30.2086, 20.6605,
29.3661

■ 65.7960, 80.5350,
76.0657

■ 28.1202, 17.5137,
25.4947

■ 70.3405, 87.8053,
83.1872

■ 26.4626, 15.1491,
22.0117

■ 71.5366, 88.2837,
89.4858

■ 25.1988, 13.4944,
18.8988

■ 72.7930, 88.7863,
96.1020

■ 24.2845, 12.4635,
16.1355

■ 74.1105, 89.3133,
103.0402

■ 23.7151, 11.9392,
14.0512

■ 75.0455, 89.6873,
107.9638

Harmonies

Analogous

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



42.4789, 42.2477, 53.5927



43.4761, 42.2477, 49.0432



43.5676, 42.2477, 43.9798

Triad

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



43.4761, 42.2477, 49.0432



39.4432, 42.2477, 37.1322



37.6902, 42.2477, 52.8450

Complementary

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



43.4761, 42.2477, 49.0432



42.5995, 48.3673, 49.2125

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.



36.9258, 42.2477, 48.0823



43.4761, 42.2477, 49.0432



37.9178, 42.2477, 39.1616

Square

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



43.4761, 42.2477, 49.0432



41.2040, 42.2477, 37.3479



37.0078, 42.2477, 43.0864



39.1243, 42.2477, 55.8959

Rectangle

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



43.4761, 42.2477, 49.0432



43.0992, 42.2477, 41.0130



37.0078, 42.2477, 43.0864



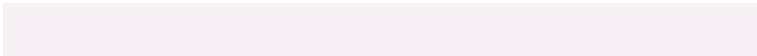
37.3483, 42.2477, 51.3769

Sweetspot

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



43.4773, 42.2495, 49.0441



85.9462, 88.6468, 98.1499



41.6357, 41.1782, 54.4697



18.7159, 19.1996, 21.3528



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.



43.4773, 42.2495, 49.0441



76.7152, 73.0900, 86.1161



42.4102, 41.8227, 43.4248



9.7419, 9.6211, 11.0300



15.8090, 7.9548, 9.5539



0.6519, 0.3246, 0.5459

Inverse Universe

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



43.4773, 42.2495, 49.0441



76.7152, 73.0900, 86.1161



43.7377, 48.8226, 55.2065



9.7419, 9.6211, 11.0300



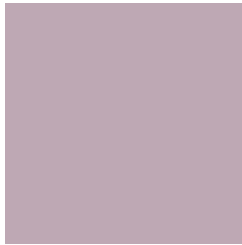
15.8090, 7.9548, 9.5539



0.6519, 0.3246, 0.5459

Previews

White Background



This preview shows how the XYZ color 43.4761, 42.2477, 49.0432 looks on a white background.

Color Contrast Check

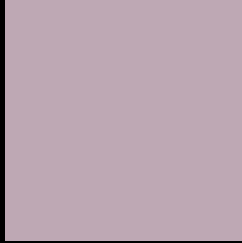
Large Text (above 18pt) WCAG AA × Fail

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 43.4761, 42.2477, 49.0432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

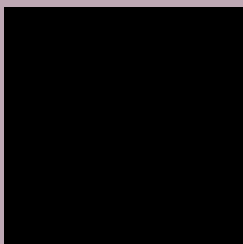
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

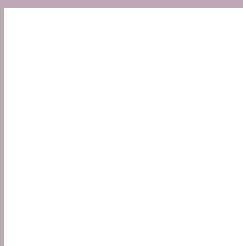
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4761, 42.2477, 49.0432

Background



This preview shows how black text looks on a background with the XYZ color 43.4761, 42.2477, 49.0432.



This preview shows how white text looks on a background with the XYZ color 43.4761, 42.2477,

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

43.4761, 42.2477, 49.0432

Protanopia

40.9464, 42.3047, 50.8073

Deuteranopia

43.1652, 42.3626, 49.0818



Tritanopia

43.5783, 42.2886, 49.5818

Trichromacy



Original Color

43.4761, 42.2477, 49.0432

Protanomaly

41.8288, 42.2065, 50.1980

Deuteranomaly

43.4125, 42.4900, 49.0933

Tritanomaly

43.5783, 42.2886, 49.5818

Monochromacy



Original Color

43.4761, 42.2477, 49.0432

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.9354, 42.8852, 47.6624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4761, 42.2477, 49.0432 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(190, 168, 180)` looks like.

```
.text, #text, p{  
    color:rgb(190, 168, 180)  
}
```

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(190, 168, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 168, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.4761, 42.2477, 49.0432 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(190, 168, 180) }
```


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

```
.border{ border-color:rgb(190, 168, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 168, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 168, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 168, 180);  
box-shadow:4px 4px 4px 4px rgb(190, 168,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4761, 42.2477, 49.0432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 168, 180) }
```

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

```
.background{ background-color: rgb(190,  
168, 180) }
```

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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