

Converting Colors

XYZ(44.2209, 43.6530, 49.0636)

Have a look what the booklet for
XYZ(44.2209, 43.6530, 49.0636)
contains.

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Color

**XYZ(44.2259, 43.7475,
49.2932)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BEACB4 |
| RGB | 190, 172, 180 |
| RGB Percent | 75%, 67%, 71% |
| CMY | 0.2549, 0.3255, 0.2941 |
| CMYK | 0.00, 0.09, 0.05, 0.25 |
| HSL | 333°, 12%, 71% |
| HSV | 333°, 9%, 75% |
| XYZ | 44.2259, 43.7475, 49.2932 |
| YIQ | 178.2940, 8.1600, 6.3040 |

Conversions

Conversions Part 2

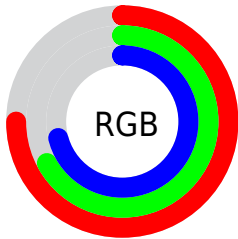
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 190, 172, 180 |
| Decimal | 12496052 |
| CIE Lab | 72.06, 7.88, -1.74 |
| CIE LCh | 72, 8.074, 347.532 |
| Yxy | 43.7475, 0.3222, 0.3187 |
| Android (android.graphics.Color) | 4290686132 (0xFFBEACB4) |
| YUV | 178.2940, 0.8411, 10.2662 |
| Hunter-Lab | 66.1419, 3.6060, 2.1126 |

Details

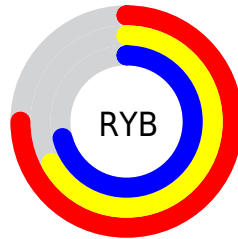
The XYZ color **44.2259, 43.7475, 49.2932** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8718, 48.9760, 51.3992**, and the grayscale version is **42.4663, 44.6778, 48.6541**.

A 20% lighter version of the original color is **80.6154, 80.5871, 90.6629**, and **20.8638, 20.2836, 22.8942** is the 20% darker color. If you saturate the color by 10%, you get **39.8306, 36.6125, 42.7226**, and if you desaturate by 10%, it is **49.2227, 51.9531, 56.4696**.

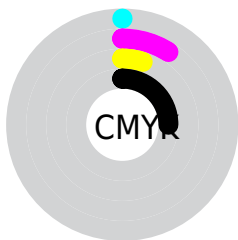
Distribution



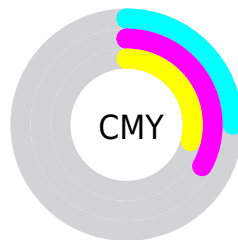
- Red (75%)
- Green (67%)
- Blue (71%)



- Red (75%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (25%)



- Cyan (25%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2259, 43.7475, 49.2932 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 44.2259, 43.7475, 49.2932 by changing the saturation by 10% instead.

■ 44.2259, 43.7475,
49.2932

■ 44.2259, 43.7475,
49.2932

354.4660,
361.6769, 400.5510

■ 31.0468, 30.4721,
34.4849

■ 80.8018, 80.8377,
90.5123

■ 20.7865, 20.1972,
22.9860

104.9293,
105.4212, 117.7601

■ 13.0796, 12.5384,
14.3779

133.4371,
134.5428, 149.9915

■ 7.5608, 7.1115,
8.2423

166.6903,
168.5870, 187.6250

■ 3.8646, 3.5319,
4.1604

205.0545,
207.9381, 231.0792

■ 1.6258, 1.4153,
1.7137

248.8949,

■ 0.4092, 0.2280,

252.9805, 280.7725

0.3701

298.5770,
304.0986, 337.1236

■ 0.0000, 0.0000,
0.0000

■ 44.2259, 43.7475,
49.2932

■ 44.2259, 43.7475,
49.2932

■ 39.8306, 36.6125,
42.7226

■ 49.2227, 51.9531,
56.4696

■ 36.0093, 30.4980,
36.7381

■ 54.8394, 61.2653,
64.2649

■ 32.7380, 25.3583,
31.3229

■ 61.0985, 71.7256,
72.6957

■ 29.9896, 21.1422,
26.4584

■ 68.0201, 83.3714,
81.7767

■ 27.7343, 17.7935,
22.1247

■ 71.6731, 88.3383,
90.2056

■ 25.9394, 15.2501,
18.3005

■ 73.2253, 88.9592,
98.3793

■ 24.5677, 13.4412,
14.9624

■ 74.8692, 89.6168,
107.0361

■ 23.5759, 12.2838,
12.0846

■ 75.0454, 89.6872,
107.9638

■ 22.8854, 11.6247,
9.6288

Harmonies

Analogous

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



43.5690, 43.7475, 52.9512



44.2259, 43.7475, 49.2932



44.1627, 43.7475, 45.3807

Triad

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



44.2259, 43.7475, 49.2932



40.7864, 43.7475, 40.7482



39.8147, 43.7475, 53.4624

Complementary

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



44.2259, 43.7475, 49.2932



43.8718, 48.9760, 51.3992

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.



39.1013, 43.7475, 49.9598



44.2259, 43.7475, 49.2932



39.6538, 43.7475, 42.6845

Square

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



44.2259, 43.7475, 49.2932



42.1562, 43.7475, 40.5918



39.0431, 43.7475, 46.0117



41.0104, 43.7475, 55.4461

Rectangle

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



44.2259, 43.7475, 49.2932



43.7207, 43.7475, 43.1522



39.0431, 43.7475, 46.0117



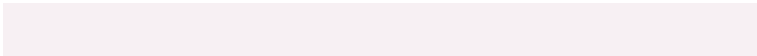
39.5117, 43.7475, 52.4150

Sweetspot

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



44.2271, 43.7494, 49.2941



85.8326, 88.6013, 97.5516



43.3161, 43.1578, 54.7629



18.6844, 19.1870, 21.1873



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.



44.2271, 43.7494, 49.2941



78.7101, 76.9379, 87.2186



43.6075, 43.7765, 45.1834



9.7016, 9.6049, 10.8175



15.2337, 7.7246, 6.5242



0.6297, 0.3158, 0.4290

Inverse Universe

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



44.2271, 43.7494, 49.2941



78.7101, 76.9379, 87.2186



44.5279, 48.9276, 55.8127



9.7016, 9.6049, 10.8175



15.2337, 7.7246, 6.5242



0.6297, 0.3158, 0.4290

Previews

White Background



This preview shows how the XYZ color 44.2259, 43.7475, 49.2932 looks on a white background.

Color Contrast Check

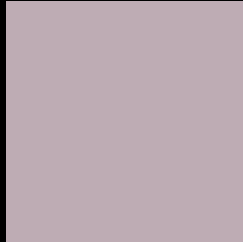
Large Text (above 18pt) WCAG AA × Fail

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 44.2259, 43.7475, 49.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

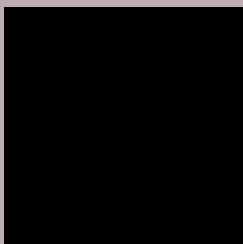
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

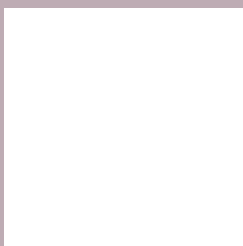
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.2259, 43.7475, 49.2932

Background



This preview shows how black text looks on a background with the XYZ color 44.2259, 43.7475, 49.2932.



This preview shows how white text looks on a background with the XYZ color 44.2259, 43.7475,

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

44.2259, 43.7475, 49.2932

Protanopia

42.3289, 43.8930, 50.4972

Deuteranopia

44.5394, 43.6276, 49.2535



Tritanopia

44.8057, 43.7050, 51.9733

Trichromacy



Original Color

44.2259, 43.7475, 49.2932

Protanomaly

42.9619, 43.9412, 49.9332

Deuteranomaly

44.2870, 43.4975, 49.2417

Tritanomaly

44.5960, 43.6211, 50.8690

Monochromacy



Original Color

44.2259, 43.7475, 49.2932

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.9534, 44.2504, 48.9251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2259, 43.7475, 49.2932 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, 172, 180)` looks like.

```
.text, #text, p{  
    color:rgb(190, 172, 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, 172, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 172, 180) }
```

Border

The CSS property to change the border of an element to XYZ 44.2259, 43.7475, 49.2932 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, 172, 180) }
```


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

```
.border{ border-color:rgb(190, 172, 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, 172, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 172, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 172, 180);  
box-shadow:4px 4px 4px 4px rgb(190, 172,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2259, 43.7475, 49.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 172, 180) }
```

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

```
.background{ background-color: rgb(190,  
172, 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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