

Converting Colors

XYZ(42.5085, 44.3981, 48.5132)

Have a look what the booklet for
XYZ(42.5085, 44.3981, 48.5132)
contains.

XYZ(42.3484, 44.2423, 48.4271)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(42.3484, 44.2423,
48.4271)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B1B2
RGB	179, 177, 178
RGB Percent	70%, 69%, 70%
CMY	0.2980, 0.3059, 0.3020
CMYK	0.00, 0.01, 0.01, 0.30
HSL	330°, 1%, 70%
HSV	330°, 1%, 70%
XYZ	42.3484, 44.2423, 48.4271
YIQ	177.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

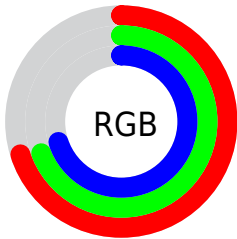
Format	Color
RYB	179, 177, 178
Decimal	11776434
CIELab	72.39, 0.90, -0.27
CIElCh	72, 0.935, 343.340
Yxy	44.2423, 0.3137, 0.3277
Android (android.graphics.Color)	4289966514 (0xFFB3B1B2)
YUV	177.7120, 0.1420, 1.1296
Hunter-Lab	66.5149, -2.7545, 3.3935

Details

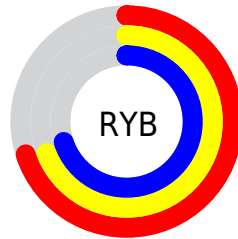
The XYZ color **42.3484, 44.2423, 48.4271** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2891, 44.8028, 48.5406**, and the grayscale version is **42.1647, 44.3606, 48.3087**.

A 20% lighter version of the original color is **78.2511, 81.8805, 89.5221**, and **19.5135, 20.3316, 22.2980** is the 20% darker color. If you saturate the color by 10%, you get **38.1718, 37.2820, 42.7393**, and if you desaturate by 10%, it is **47.0501, 52.1575, 54.5812**.

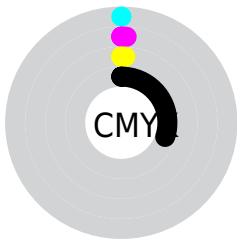
Distribution



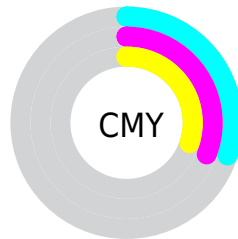
- Red (70%)
- Green (69%)
- Blue (70%)



- Red (70%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (30%)



- Cyan (30%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3484, 44.2423, 48.4271 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 42.3484, 44.2423, 48.4271 by changing the saturation by 10% instead.

■ 42.3484, 44.2423,
48.4271

■ 42.3484, 44.2423,
48.4271

346.8923,
363.6961, 397.0400

■ 29.5665, 30.8610,
33.8028

■ 77.9885, 81.5822,
89.2121

■ 19.6562, 20.4931,
22.4660

101.5774,
106.3097, 116.2100

■ 12.2522, 12.7540,
13.9982

129.4994,
135.5880, 148.1695

■ 6.9891, 7.2593,
7.9807

162.1197,
169.8015, 185.5091

■ 3.5016, 3.6248,
3.9950

199.8038,
209.3347, 228.6474

■ 1.4242, 1.4660,
1.6226

242.9171,

■ 0.2734, 0.2646,

254.5720, 278.0030

0.3069

291.8248,
305.8976, 333.9943

■ 0.0000, 0.0000,
0.0000

■ 42.3484, 44.2423,
48.4271

■ 42.3484, 44.2423,
48.4271

■ 38.1718, 37.2820,
42.7393

■ 47.0501, 52.1575,
54.5812

■ 34.4974, 31.2345,
37.5030

■ 52.2913, 61.0562,
61.2100

■ 31.3065, 26.0633,
32.7069

■ 58.0901, 70.9729,
68.3254

■ 28.5772, 21.7269,
28.3377

■ 64.4631, 81.9386,
75.9379

■ 26.2864, 18.1807,
24.3819

■ 67.6451, 86.4216,
82.7975

■ 24.4084, 15.3756,
20.8245

■ 68.8847, 86.9174,
89.3251

■ 22.9150, 13.2573,
17.6497

■ 70.1892, 87.4393,
96.1947

■ 21.7742, 11.7635,
14.8401

■ 71.5596, 87.9874,
103.4111

■ 20.9479, 10.8209,
12.3760

■ 72.4007, 88.3238,
107.8400

Harmonies

Analogous

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



42.2639, 44.2423, 48.8204



42.3484, 44.2423, 48.4271



42.3531, 44.2423, 47.9680

Triad

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



42.3484, 44.2423, 48.4271



41.9796, 44.2423, 47.3144



41.8261, 44.2423, 48.7837

Complementary

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



42.3484, 44.2423, 48.4271



42.2891, 44.8028, 48.5406

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.



41.7503, 44.2423, 48.3773



42.3484, 44.2423, 48.4271



41.8388, 44.2423, 47.5301

Square

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



42.3484, 44.2423, 48.4271



42.1398, 44.2423, 47.3275



41.7550, 44.2423, 47.9185



41.9622, 44.2423, 49.0271

Rectangle

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



42.3484, 44.2423, 48.4271



42.3103, 44.2423, 47.6865



41.7550, 44.2423, 47.9185



41.7928, 44.2423, 48.6615

Sweetspot

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



42.3497, 44.2442, 48.4281



76.7382, 80.7346, 87.9200



42.2205, 44.1660, 48.9480



17.0014, 17.8868, 19.4787



86.6293, 91.1408, 99.2523

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.3497, 44.2442, 48.4281



75.9245, 79.3706, 86.8369



42.2499, 44.2043, 47.9027



9.4579, 9.8925, 10.8189



14.4550, 7.2996, 7.5560



0.4843, 0.2415, 0.3928

Inverse Universe

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



42.3497, 44.2442, 48.4281



75.9245, 79.3706, 86.8369



42.3896, 44.8430, 49.0698



9.4579, 9.8925, 10.8189



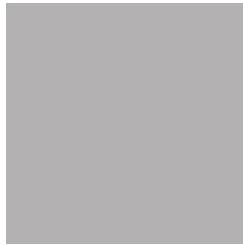
14.4550, 7.2996, 7.5560



0.4843, 0.2415, 0.3928

Previews

White Background



This preview shows how the XYZ color 42.3484, 44.2423, 48.4271 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 42.3484, 44.2423, 48.4271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

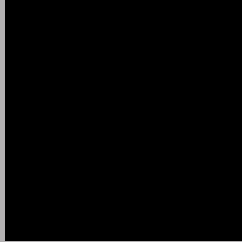
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

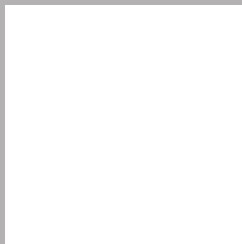
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3484, 44.2423, 48.4271

Background



This preview shows how black text looks on a background with the XYZ color 42.3484, 44.2423, 48.4271.

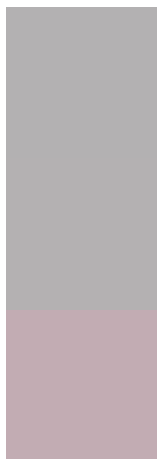


This preview shows how white text looks on a background with the XYZ color 42.3484, 44.2423,

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

42.3484, 44.2423, 48.4271

Protanopia

42.5804, 44.3619, 48.4380

Deuteranopia

45.1373, 44.2291, 48.8059



Tritanopia

43.5713, 44.1578, 54.3710

Trichromacy



Original Color

42.3484, 44.2423, 48.4271

Protanomaly

42.5804, 44.3619, 48.4380

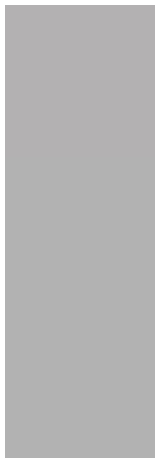
Deuteranomaly

44.2590, 44.3456, 48.8747

Tritanomaly

43.1047, 44.2567, 52.1695

Monochromacy



Original Color

42.3484, 44.2423, 48.4271

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.3164, 44.5201, 48.4824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3484, 44.2423, 48.4271 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(179, 177, 178)` looks like.

```
.text, #text, p{  
    color:rgb(179, 177, 178)  
}
```

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(179, 177, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 177, 178) }
```

Border

The CSS property to change the border of an element to XYZ 42.3484, 44.2423, 48.4271 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(179, 177, 178) }
```

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

```
.border{ border-color:rgb(179, 177, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 177, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 177, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 177, 178);  
box-shadow:4px 4px 4px 4px rgb(179, 177,  
178) }
```


Background

The CSS property to change the background color of an element to XYZ 42.3484, 44.2423, 48.4271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 177, 178) }
```

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

```
.background{ background-color: rgb(179,  
177, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor