

Converting Colors

XYZ(42.2160, 43.8644, 49.2093)

Have a look what the booklet for
XYZ(42.2160, 43.8644, 49.2093)
contains.

XYZ(42.3540, 43.9297, 49.4270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.3540, 43.9297,
49.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B0B4
RGB	179, 176, 180
RGB Percent	70%, 69%, 71%
CMY	0.2980, 0.3098, 0.2941
CMYK	0.01, 0.02, 0.00, 0.29
HSL	285°, 3%, 70%
HSV	285°, 2%, 71%
XYZ	42.3540, 43.9297, 49.4270
YIQ	177.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

Format	Color
RYB	179, 176, 180
Decimal	11776180
CIELab	72.18, 1.81, -1.67
CIELCh	72, 2.466, 317.316
Yxy	43.9297, 0.3121, 0.3237
Android (android.graphics.Color)	4289966260 (0xFFB3B0B4)
YUV	177.3530, 1.3050, 1.4444
Hunter-Lab	66.2795, -1.9238, 2.1809




Details

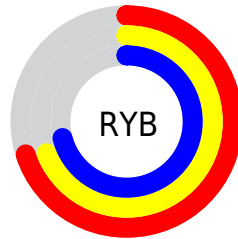
The XYZ color **42.3540, 43.9297, 49.4270** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2908, 45.1254, 47.5577**, and the grayscale version is **41.9698, 44.1555, 48.0853**.




A 20% lighter version of the original color is **78.2579, 81.4315, 90.9501**, and **19.6426, 20.3832, 22.9778** is the 20% darker color. If you saturate the color by 10%, you get **38.0327, 36.8065, 48.2805**, and if you desaturate by 10%, it is **47.1798, 52.0102, 50.7330**.

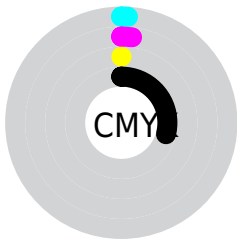
Distribution







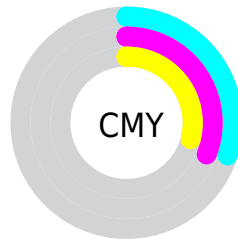
-  Red (70%)
-  Green (69%)
-  Blue (71%)






-  Red (70%)
-  Yellow (69%)
-  Blue (71%)



-  Cyan (1%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (29%)



-  Cyan (30%)
-  Magenta (31%)
-  Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3540, 43.9297, 49.4270 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 42.3540, 43.9297, 49.4270 by changing the saturation by 10% instead.

■ 42.3540, 43.9297,
49.4270

■ 42.3540, 43.9297,
49.4270

346.9150,
362.4213, 401.0916

■ 29.5709, 30.6152,
34.5903

■ 77.9969, 81.1119,
90.7129

■ 19.6596, 20.3060,
23.0665

101.5874,
105.7485, 117.9991

■ 12.2546, 12.6177,
14.4368

129.5112,
134.9279, 150.2723

■ 6.9908, 7.1658,
8.2829

162.1334,
169.0346, 187.9511

■ 3.5026, 3.5660,
4.1861

199.8196,
208.4529, 231.4538

■ 1.4248, 1.4339,
1.7280

242.9350,

■ 0.2738, 0.2415,

253.5671, 281.1991

0.3798

291.8450,
304.7618, 337.6055

■ 0.0000, 0.0000,
0.0000

■ 42.3540, 43.9297,
49.4270

■ 42.3540, 43.9297,
49.4270

■ 38.0327, 36.8065,
48.2805

■ 47.1798, 52.0102,
50.7330

■ 34.1936, 30.5982,
47.2845

■ 52.5238, 61.0769,
52.2014

■ 30.8180, 25.2676,
46.4335

■ 58.4042, 71.1648,
53.8386

■ 27.8848, 20.7727,
45.7205

■ 64.8367, 82.3053,
55.6499

■ 25.3710, 17.0680,
45.1379

■ 68.2248, 87.3046,
56.4363

■ 23.2514, 14.1038,
44.6775

■ 69.4574, 87.9399,
56.4940

■ 21.4980, 11.8244,
44.3299

■ 70.7257, 88.5938,
56.5533

■ 20.0787, 10.1661,
44.0847

■ 72.0302, 89.2663,
56.6144

■ 18.9553, 9.0533,
43.9291

■ 73.3711, 89.9575,
56.6771

Harmonies

Analogous

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



41.9962, 43.9297, 50.0881



42.3540, 43.9297, 49.4270



42.5516, 43.9297, 48.3448

Triad

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



42.3540, 43.9297, 49.4270



41.9325, 43.9297, 45.5975



40.9830, 43.9297, 48.5279

Complementary

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



42.3540, 43.9297, 49.4270



42.2908, 45.1254, 47.5577

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.



40.9662, 43.9297, 47.3228



42.3540, 43.9297, 49.4270



41.5125, 43.9297, 45.6446

Square

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



42.3540, 43.9297, 49.4270



42.3071, 43.9297, 46.1417



41.1594, 43.9297, 46.2716



41.2054, 43.9297, 49.5630

Rectangle

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



42.3540, 43.9297, 49.4270



42.5650, 43.9297, 47.5363



41.1594, 43.9297, 46.2716



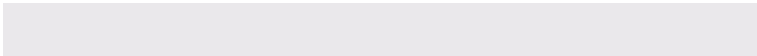
40.9531, 43.9297, 48.1289

Sweetspot

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



42.3553, 43.9316, 49.4280



77.8018, 81.3260, 89.8915



41.8798, 43.9980, 49.4658



16.8256, 17.5939, 19.4314



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



42.3553, 43.9316, 49.4280



76.1125, 78.5178, 89.4385



42.4925, 44.0133, 48.9400



9.1744, 9.4222, 10.8415



12.7838, 5.9261, 30.6071



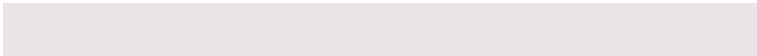
0.4518, 0.2120, 0.9653

Inverse Universe

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



42.2851, 43.9303, 47.8479



75.9400, 78.5155, 85.5177



42.1565, 45.0454, 48.0348



9.1491, 9.4220, 10.2621



13.4912, 6.9140, 2.4806



0.4483, 0.2271, 0.2034

Previews

White Background



This preview shows how the XYZ color 42.3540, 43.9297, 49.4270 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 42.3540, 43.9297, 49.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

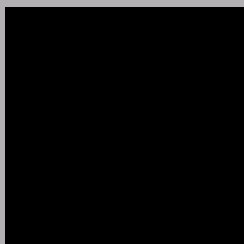
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

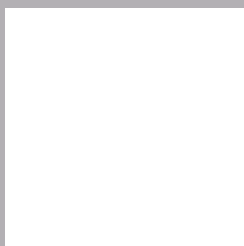
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3540, 43.9297, 49.4270

Background



This preview shows how black text looks on a background with the XYZ color 42.3540, 43.9297, 49.4270.



This preview shows how white text looks on a background with the XYZ color 42.3540, 43.9297,

49.4270.

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

42.3540, 43.9297, 49.4270

Protanopia

42.3540, 43.9297, 49.4270

Deuteranopia

44.6416, 43.6685, 49.7921



Tritanopia

43.2295, 43.9941, 53.7902

Trichromacy



Original Color

42.3540, 43.9297, 49.4270

Protanomaly

42.3540, 43.9297, 49.4270

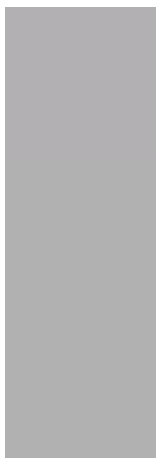
Deuteranomaly

43.7776, 43.7881, 49.8607

Tritanomaly

42.9093, 43.8660, 52.1044

Monochromacy



Original Color

42.3540, 43.9297, 49.4270

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.1181, 44.1236, 48.4163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3540, 43.9297, 49.4270 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, 176, 180)` looks like.

```
.text, #text, p{  
    color:rgb(179, 176, 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(179, 176, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 176, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.3540, 43.9297, 49.4270 is called "border". The border property can be set on classes, ids or directly on the HTML element.

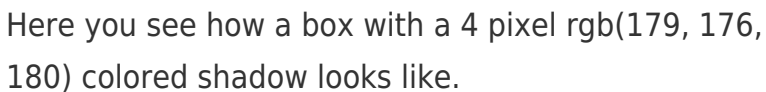
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 176, 180) }
```


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

```
.border{ border-color:rgb(179, 176, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 176, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 176, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 176, 180);  
box-shadow:4px 4px 4px 4px rgb(179, 176,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3540, 43.9297, 49.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 176, 180) }
```

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

```
.background{ background-color: rgb(179,  
176, 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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