

Converting Colors

XYZ(41.0516, 42.8792, 49.4298)

Have a look what the booklet for
XYZ(41.0516, 42.8792, 49.4298)
contains.

XYZ(41.0237, 42.9539, 49.3088)	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(41.0237, 42.9539,
49.3088)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAFB4
RGB	174, 175, 180
RGB Percent	68%, 69%, 71%
CMY	0.3176, 0.3137, 0.2941
CMYK	0.03, 0.03, 0.00, 0.29
HSL	230°, 4%, 69%
HSV	230°, 3%, 71%
XYZ	41.0237, 42.9539, 49.3088
YIQ	175.2710, -2.2010, 1.3430

Conversions

Conversions Part 2

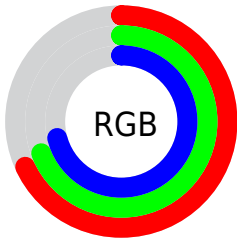
Format	Color
RYB	174, 175, 180
Decimal	11448244
CIELab	71.52, 0.61, -2.68
CIELCh	72, 2.751, 282.743
Yxy	42.9539, 0.3078, 0.3223
Android (android.graphics.Color)	4289638324 (0xFFFAEAFB4)
YUV	175.2710, 2.3314, -1.1147
Hunter-Lab	65.5392, -2.9631, 1.2703

Details

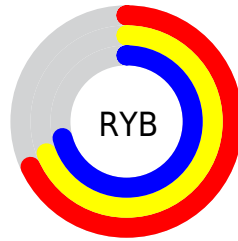
The XYZ color **41.0237, 42.9539, 49.3088** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5825, 44.9989, 46.4862**, and the grayscale version is **40.8780, 43.0069, 46.8345**.

A 20% lighter version of the original color is **75.7502, 79.3078, 90.6723**, and **18.9398, 19.8358, 22.9091** is the 20% darker color. If you saturate the color by 10%, you get **34.5220, 35.5098, 48.2153**, and if you desaturate by 10%, it is **48.3892, 51.3265, 50.5373**.

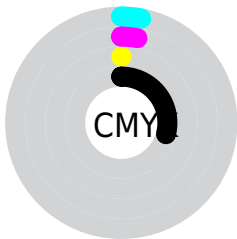
Distribution



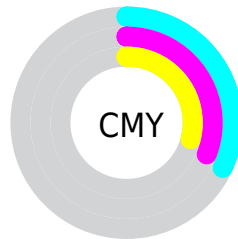
- Red (68%)
- Green (69%)
- Blue (71%)



- Red (68%)
- Yellow (69%)
- Blue (71%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (29%)



- Cyan (32%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0237, 42.9539, 49.3088 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 41.0237, 42.9539, 49.3088 by changing the saturation by 10% instead.

■ 41.0237, 42.9539,
49.3088

■ 41.0237, 42.9539,
49.3088

341.4806,
358.4221, 400.6141

■ 28.5254, 29.8489,
34.4972

■ 75.9943, 79.6413,
90.5356

■ 18.8645, 19.7240,
22.9954

99.1974, 103.9925,
117.7880

■ 11.6759, 12.1946,
14.3848

126.6993,
132.8613, 150.0242

■ 6.5940, 6.8763,
8.2470

158.8656,
166.6320, 187.6630

■ 3.2536, 3.3849,
4.1634

196.0614,
205.6890, 231.1229

■ 1.2892, 1.3358,
1.7154

238.6523,

■ 0.1751, 0.1687,

250.4168, 280.8223

0.3712

287.0036,
301.1997, 337.1799

■ 0.0000, 0.0000,
0.0000

■ 41.0237, 42.9539,
49.3088

■ 41.0237, 42.9539,
49.3088

■ 34.5220, 35.5098,
48.2153

■ 48.3892, 51.3265,
50.5373

■ 28.8487, 28.9567,
47.2494

■ 56.6448, 60.6526,
51.9023

■ 23.9712, 23.2625,
46.4074

■ 65.8204, 70.9630,
53.4088

■ 19.8535, 18.3914,
45.6842

■ 75.9434, 82.2855,
55.0607

■ 16.4567, 14.3046,
45.0744

■ 83.6503, 92.8993,
56.7032

■ 13.7385, 10.9604,
44.5722

■ 85.2383, 96.0753,
57.2326

■ 11.6519, 8.3130,
44.1711

■ 10.1438, 6.3115,
43.8643

■ 9.1518, 4.8972,
43.6436

Harmonies

Analogous

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



40.5620, 42.9539, 49.2548



41.0237, 42.9539, 49.3088



41.4355, 42.9539, 48.6731

Triad

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



41.0237, 42.9539, 49.3088



41.4858, 42.9539, 45.0550



39.9795, 42.9539, 46.0148

Complementary

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



41.0237, 42.9539, 49.3088



42.5825, 44.9989, 46.4862

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.



40.2233, 42.9539, 44.9161



41.0237, 42.9539, 49.3088



41.0919, 42.9539, 44.3692

Square

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



41.0237, 42.9539, 49.3088



41.7037, 42.9539, 46.2076



40.6297, 42.9539, 44.3189



39.9615, 42.9539, 47.3359

Rectangle

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



41.0237, 42.9539, 49.3088



41.6255, 42.9539, 47.9507



40.6297, 42.9539, 44.3189



40.0376, 42.9539, 45.6079

Sweetspot

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



41.0249, 42.9557, 49.3097



77.3378, 81.2511, 89.9015



41.9040, 44.8925, 49.0520



16.7306, 17.5785, 19.4335



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.



41.0249, 42.9557, 49.3097



73.4667, 76.8380, 89.2537



41.2567, 42.7864, 49.2648



8.8314, 9.2282, 10.8221



6.1100, 3.0203, 30.3979



0.2272, 0.1649, 0.9681

Inverse Universe

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



41.6972, 43.0713, 46.6755



74.9481, 77.0956, 83.4484



42.3449, 45.1760, 46.5329



9.0366, 9.2642, 10.0178



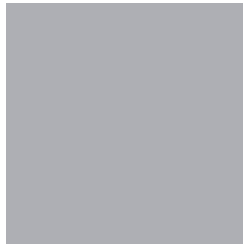
13.3187, 6.8450, 1.5723



0.4367, 0.2224, 0.1424

Previews

White Background



This preview shows how the XYZ color 41.0237, 42.9539, 49.3088 looks on a white background.

Color Contrast Check

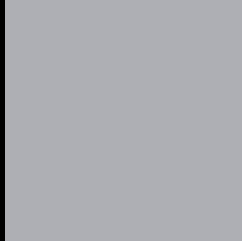
Large Text (above 18pt) WCAG AA × Fail

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 41.0237, 42.9539, 49.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

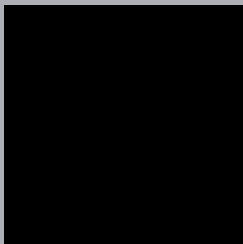
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

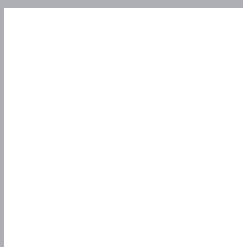
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0237, 42.9539, 49.3088

Background



This preview shows how black text looks on a background with the XYZ color 41.0237, 42.9539, 49.3088.



This preview shows how white text looks on a background with the XYZ color 41.0237, 42.9539,

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

41.0237, 42.9539, 49.3088

Protanopia

41.5057, 42.9145, 49.2758

Deuteranopia

43.7015, 42.9045, 49.6941



Tritanopia

41.8923, 43.0169, 53.6721

Trichromacy



Original Color

41.0237, 42.9539, 49.3088

Protanomaly

41.2788, 42.7975, 49.2651

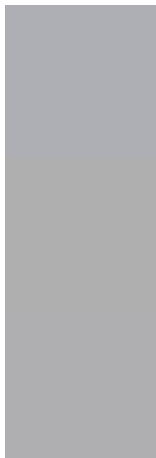
Deuteranomaly

42.8602, 43.0316, 49.7630

Tritanomaly

41.5722, 42.8888, 51.9862

Monochromacy



Original Color

41.0237, 42.9539, 49.3088

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.9450, 42.9482, 47.7268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0237, 42.9539, 49.3088 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(174, 175, 180)` looks like.

```
.text, #text, p{  
    color:rgb(174, 175, 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(174, 175, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 175, 180) }
```

Border

The CSS property to change the border of an element to XYZ 41.0237, 42.9539, 49.3088 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(174, 175, 180) }
```


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

```
.border{ border-color:rgb(174, 175, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 175, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 175, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 175, 180);  
box-shadow:4px 4px 4px 4px rgb(174, 175,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0237, 42.9539, 49.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 175, 180) }
```

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

```
.background{ background-color: rgb(174,  
175, 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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