

Converting Colors

XYZ(41.1706, 42.8378, 49.4518)

Have a look what the booklet for
XYZ(41.1706, 42.8378, 49.4518)
contains.

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Color

**XYZ(41.0535, 42.6814,
49.2546)**

Conversions

Conversions Part 1

Format	Color
Hex	AFAEB4
RGB	175, 174, 180
RGB Percent	69%, 68%, 71%
CMY	0.3137, 0.3176, 0.2941
CMYK	0.03, 0.03, 0.00, 0.29
HSL	250°, 4%, 69%
HSV	250°, 3%, 71%
XYZ	41.0535, 42.6814, 49.2546
YIQ	174.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

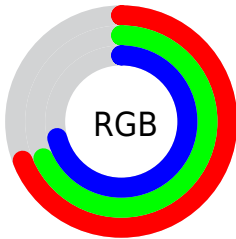
Format	Color
RYB	175, 174, 180
Decimal	11513524
CIELab	71.34, 1.50, -2.95
CIELCh	71, 3.305, 296.944
Yxy	42.6814, 0.3087, 0.3209
Android (android.graphics.Color)	4289703604 (0xFFAFAEB4)
YUV	174.9830, 2.4734, 0.0149
Hunter-Lab	65.3310, -2.1612, 1.0316

Details

The XYZ color **41.0535, 42.6814, 49.2546** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5533, 45.2834, 46.5444**, and the grayscale version is **40.7279, 42.8490, 46.6625**.

A 20% lighter version of the original color is **76.1146, 79.0837, 90.6099**, and **18.9587, 19.6623, 22.8747** is the 20% darker color. If you saturate the color by 10%, you get **34.6235, 34.5466, 48.0240**, and if you desaturate by 10%, it is **48.3264, 51.9448, 50.6599**.

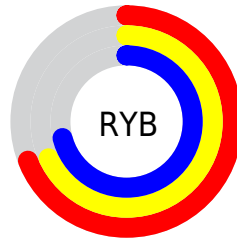
Distribution



Red (69%)

Green (68%)

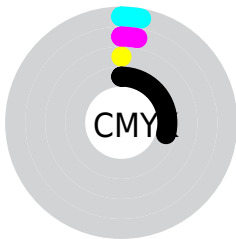
Blue (71%)



Red (69%)

Yellow (68%)

Blue (71%)

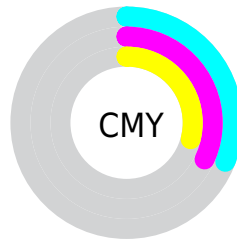


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0535, 42.6814, 49.2546 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 41.0535, 42.6814, 49.2546 by changing the saturation by 10% instead.

■ 41.0535, 42.6814,
49.2546

■ 41.0535, 42.6814,
49.2546

341.6029,
357.2999, 400.3950

■ 28.5487, 29.6352,
34.4545

■ 76.0393, 79.2299,
90.4544

■ 18.8823, 19.5619,
22.9628

99.2510, 103.5009,
117.6911

■ 11.6887, 12.0770,
14.3610

126.7625,
132.2824, 149.9104

■ 6.6028, 6.7961,
8.2305

158.9390,
165.9587, 187.5309

■ 3.2591, 3.3349,
4.1529

196.1460,
204.9142, 230.9710

■ 1.2922, 1.3090,
1.7096

238.7487,

■ 0.1774, 0.1481,

249.5333, 280.6494

0.3673

287.1126,
300.2004, 336.9846

■ 0.0000, 0.0000,
0.0000

■ 41.0535, 42.6814,
49.2546

■ 41.0535, 42.6814,
49.2546

■ 34.6235, 34.5466,
48.0240

■ 48.3264, 51.9448,
50.6599

■ 29.0021, 27.4920,
46.9586

■ 56.4674, 62.3722,
52.2436

■ 24.1580, 21.4734,
46.0522

■ 65.5054, 74.0041,
54.0124

■ 20.0566, 16.4417,
45.2971

■ 75.4668, 86.8773,
55.9721

■ 16.6605, 12.3438,
44.6852

■ 83.4366, 95.1465,
57.1482

■ 13.9291, 9.1214,
44.2071

■ 85.2383, 96.0753,
57.2325

■ 11.8175, 6.7097,
43.8529

■ 10.2750, 5.0346,
43.6109

■ 9.2424, 4.0082,
43.4672

Harmonies

Analogous

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



40.5104, 42.6814, 49.5962



41.0535, 42.6814, 49.2546



41.4696, 42.6814, 48.1621

Triad

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



41.0535, 42.6814, 49.2546



41.1530, 42.6814, 43.9548



39.5097, 42.6814, 46.3098

Complementary

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



41.0535, 42.6814, 49.2546



42.5533, 45.2834, 46.5444

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.



39.6784, 42.6814, 44.8234



41.0535, 42.6814, 49.2546



40.6244, 42.6814, 43.4834

Square

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



41.0535, 42.6814, 49.2546



41.5274, 42.6814, 45.0999



40.0851, 42.6814, 43.7977



39.6223, 42.6814, 47.8733

Rectangle

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



41.0535, 42.6814, 49.2546



41.6173, 42.6814, 47.1676



40.0851, 42.6814, 43.7977



39.5353, 42.6814, 45.7849

Sweetspot

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



41.0547, 42.6832, 49.2555



77.3540, 81.0952, 89.8705



41.8353, 44.5755, 49.5796



16.7339, 17.5466, 19.4271



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.



41.0547, 42.6832, 49.2555



73.5293, 76.2369, 89.1344



41.7129, 43.0225, 49.2863



8.8400, 9.1452, 10.8056



6.1615, 2.5122, 30.2971



0.2340, 0.0997, 0.9552

Inverse Universe

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



42.0967, 43.2321, 48.7759



75.8263, 77.4469, 88.0729



41.8898, 44.9413, 46.5133



9.1582, 9.3129, 10.6581



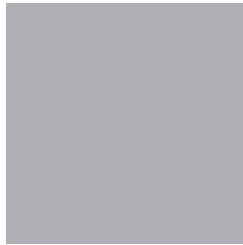
17.0044, 8.3193, 20.9810



0.5511, 0.2682, 0.7449

Previews

White Background



This preview shows how the XYZ color 41.0535, 42.6814, 49.2546 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 41.0535, 42.6814, 49.2546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

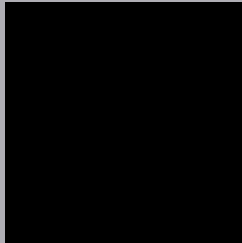
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0535, 42.6814, 49.2546

Background



This preview shows how black text looks on a background with the XYZ color 41.0535, 42.6814, 49.2546.



This preview shows how white text looks on a background with the XYZ color 41.0535, 42.6814,

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

41.0535, 42.6814, 49.2546

Protanopia

41.2788, 42.7975, 49.2651

Deuteranopia

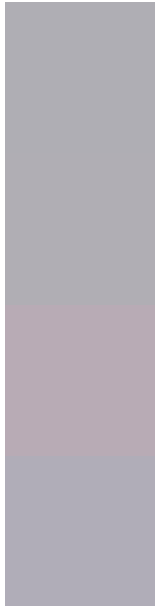
43.5147, 42.5309, 49.6319



Tritanopia

41.8177, 42.7051, 53.0526

Trichromacy



Original Color

41.0535, 42.6814, 49.2546

Protanomaly

41.2788, 42.7975, 49.2651

Deuteranomaly

42.6706, 42.6524, 49.6998

Tritanomaly

41.4998, 42.5779, 51.3785

Monochromacy



Original Color

41.0535, 42.6814, 49.2546

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 41.0535, 42.6814, 49.2546 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(175, 174, 180)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 41.0535, 42.6814, 49.2546 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(175, 174, 180) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 41.0535, 42.6814, 49.2546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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