

Converting Colors

XYZ(41.2954, 42.0157, 48.9465)

Have a look what the booklet for
XYZ(41.2954, 42.0157, 48.9465)
contains.

XYZ(41.3915, 42.0048, 49.1062)	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(41.3915, 42.0048,
49.1062)**

Conversions

Conversions Part 1

Format	Color
Hex	B3ABB4
RGB	179, 171, 180
RGB Percent	70%, 67%, 71%
CMY	0.2980, 0.3294, 0.2941
CMYK	0.01, 0.05, 0.00, 0.29
HSL	293°, 6%, 69%
HSV	293°, 5%, 71%
XYZ	41.3915, 42.0048, 49.1062
YIQ	174.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

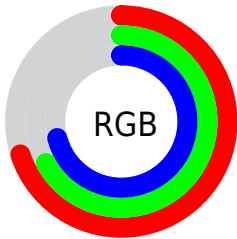
Format	Color
RYB	179, 171, 180
Decimal	11774900
CIELab	70.87, 4.53, -3.59
CIELCh	71, 5.783, 321.599
Yxy	42.0048, 0.3124, 0.3170
Android (android.graphics.Color)	4289964980 (0xFFB3ABB4)
YUV	174.4180, 2.7519, 4.0184
Hunter-Lab	64.8111, 0.5793, 0.4448

Details

The XYZ color **41.3915, 42.0048, 49.1062** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6868, 44.3546, 44.9471**, and the grayscale version is **40.4337, 42.5394, 46.3254**.

A 20% lighter version of the original color is **76.5976, 78.1110, 90.3967**, and **19.0318, 19.1616, 22.7741** is the 20% darker color. If you saturate the color by 10%, you get **37.7617, 35.4263, 48.0284**, and if you desaturate by 10%, it is **45.4934, 49.5164, 50.3405**.

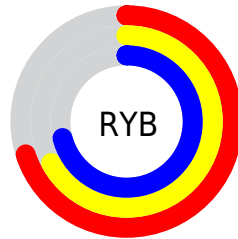
Distribution



Red (70%)

Green (67%)

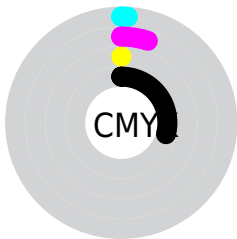
Blue (71%)



Red (70%)

Yellow (67%)

Blue (71%)

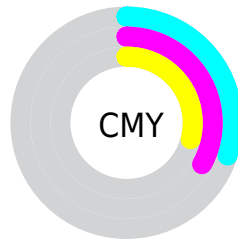


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (30%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3915, 42.0048, 49.1062 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 41.3915, 42.0048, 49.1062 by changing the saturation by 10% instead.

■ 41.3915, 42.0048,
49.1062

■ 41.3915, 42.0048,
49.1062

342.9889,
354.5028, 399.7947

■ 28.8141, 29.1051,
34.3375

■ 76.5488, 78.2069,
90.2318

■ 19.0838, 19.1603,
22.8736

99.8595, 102.2780,
117.4258

■ 11.8352, 11.7862,
14.2958

127.4786,
130.8417, 149.5986

■ 6.7030, 6.5982,
8.1856

159.7716,
164.2824, 187.1689

■ 3.3217, 3.2121,
4.1244

197.1037,
202.9845, 230.5551

■ 1.3261, 1.2435,
1.6939

239.8405,

■ 0.2026, 0.0968,

247.3323, 280.1758

0.3565

288.3471,
297.7103, 336.4495

■ 0.0000, 0.0000,
0.0000

■ 41.3915, 42.0048,
49.1062

■ 41.3915, 42.0048,
49.1062

■ 37.7617, 35.4263,
48.0284

■ 45.4934, 49.5164,
50.3405

■ 34.5819, 29.7383,
47.0981

■ 50.0814, 57.9908,
51.7344

■ 31.8332, 24.9028,
46.3096

■ 55.1734, 67.4631,
53.2944

■ 29.4945, 20.8773,
45.6559

■ 60.7851, 77.9648,
55.0257

■ 27.5424, 17.6153,
45.1291

■ 64.9861, 85.6349,
56.2847

■ 25.9513, 15.0657,
44.7208

■ 65.4860, 85.8926,
56.3081

■ 24.6927, 13.1711,
44.4215

■ 65.9927, 86.1539,
56.3318

■ 23.7332, 11.8651,
44.2200

■ 66.5064, 86.4187,
56.3559

■ 23.0324, 11.0670,
44.1029

■ 67.0270, 86.6870,
56.3802

Harmonies

Analogous

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



40.6091, 42.0048, 50.8405



41.3915, 42.0048, 49.1062



41.7823, 42.0048, 46.5144

Triad

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



41.3915, 42.0048, 49.1062



40.1952, 42.0048, 40.6931



38.2290, 42.0048, 47.7139

Complementary

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



41.3915, 42.0048, 49.1062



40.6868, 44.3546, 44.9471

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.



38.1223, 42.0048, 44.9665



41.3915, 42.0048, 49.1062



39.2473, 42.0048, 40.9853

Square

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



41.3915, 42.0048, 49.1062



41.0843, 42.0048, 41.7089



38.4922, 42.0048, 42.5238



38.7863, 42.0048, 50.0145

Rectangle

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



41.3915, 42.0048, 49.1062



41.7638, 42.0048, 44.6792



38.4922, 42.0048, 42.5238



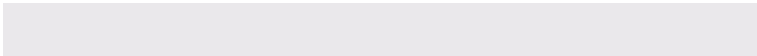
38.1396, 42.0048, 46.8095

Sweetspot

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



41.3927, 42.0066, 49.1071



77.9090, 81.3813, 89.8965



39.7967, 41.4793, 49.0895



16.8475, 17.6052, 19.4324



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.



41.3927, 42.0066, 49.1071



74.2844, 74.7665, 88.8108



41.2776, 41.9874, 47.2902



8.9844, 9.0143, 10.7727



15.9017, 7.5334, 30.7530



0.5266, 0.2506, 0.9688

Inverse Universe

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



40.8332, 41.8096, 44.9499



73.0567, 74.3347, 79.6672



40.8013, 44.3751, 46.6912



8.8257, 8.9585, 9.5894



13.2381, 6.8128, 1.1479



0.4289, 0.2193, 0.1011

Previews

White Background



This preview shows how the XYZ color 41.3915, 42.0048, 49.1062 looks on a white background.

Color Contrast Check

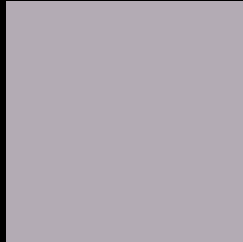
Large Text (above 18pt) WCAG AA × Fail

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 41.3915, 42.0048, 49.1062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

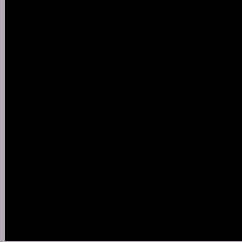
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3915, 42.0048, 49.1062

Background



This preview shows how black text looks on a background with the XYZ color 41.3915, 42.0048, 49.1062.



This preview shows how white text looks on a background with the XYZ color 41.3915, 42.0048,

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

41.3915, 42.0048, 49.1062

Protanopia

40.5486, 41.8399, 49.6548

Deuteranopia

42.8366, 41.9063, 49.5470



Tritanopia

41.8488, 41.9134, 51.2318

Trichromacy



Original Color

41.3915, 42.0048, 49.1062

Protanomaly

40.9975, 42.0713, 49.6758

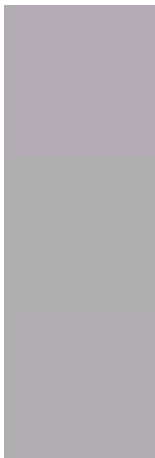
Deuteranomaly

42.2956, 41.9025, 49.5748

Tritanomaly

41.7444, 41.8716, 50.6816

Monochromacy



Original Color

41.3915, 42.0048, 49.1062

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.6845, 42.2518, 47.0854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3915, 42.0048, 49.1062 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, 171, 180)` looks like.

```
.text, #text, p{  
    color:rgb(179, 171, 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, 171, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 171, 180) }
```

Border

The CSS property to change the border of an element to XYZ 41.3915, 42.0048, 49.1062 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, 171, 180) }
```


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

```
.border{ border-color:rgb(179, 171, 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, 171, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 171, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 171, 180);  
box-shadow:4px 4px 4px 4px rgb(179, 171,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3915, 42.0048, 49.1062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 171, 180) }
```

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

```
.background{ background-color: rgb(179,  
171, 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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