

Converting Colors

XYZ(41.4162, 42.8865, 51.0311)

Have a look what the booklet for
XYZ(41.4162, 42.8865, 51.0311)
contains.

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Color

**XYZ(41.3625, 42.8050,
50.8819)**

Conversions

Conversions Part 1

Format	Color
Hex	AFAEB7
RGB	175, 174, 183
RGB Percent	69%, 68%, 72%
CMY	0.3137, 0.3176, 0.2823
CMYK	0.04, 0.05, 0.00, 0.28
HSL	247°, 6%, 70%
HSV	247°, 5%, 72%
XYZ	41.3625, 42.8050, 50.8819
YIQ	175.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

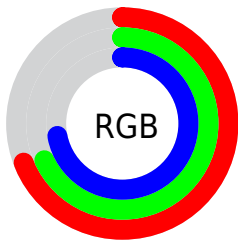
Format	Color
RYB	175, 174, 183
Decimal	11513527
CIELab	71.42, 2.08, -4.47
CIElCh	71, 4.934, 294.941
Yxy	42.8050, 0.3063, 0.3170
Android (android.graphics.Color)	4289703607 (0xFFAFAEB7)
YUV	175.3250, 3.7838, -0.2850
Hunter-Lab	65.4255, -1.6457, -0.3124

Details

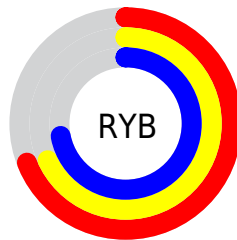
The XYZ color **41.3625, 42.8050, 50.8819** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8665, 46.8692, 46.7812**, and the grayscale version is **40.8988, 43.0287, 46.8583**.

A 20% lighter version of the original color is **76.5543, 79.2595, 92.9251**, and **19.1572, 19.7417, 23.9199** is the 20% darker color. If you saturate the color by 10%, you get **34.6307, 34.4400, 49.6227**, and if you desaturate by 10%, it is **49.0186, 52.3639, 52.3241**.

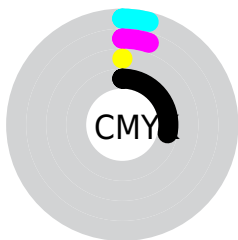
Distribution



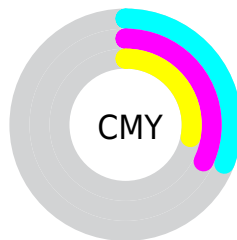
- Red (69%)
- Green (68%)
- Blue (72%)



- Red (69%)
- Yellow (68%)
- Blue (72%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (28%)



- Cyan (31%)
- Magenta (32%)
- Yellow (28%)
- Black (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3625, 42.8050, 50.8819 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 41.3625, 42.8050, 50.8819 by changing the saturation by 10% instead.

■ 41.3625, 42.8050,
50.8819

■ 41.3625, 42.8050,
50.8819

342.8702,
357.8092, 406.9382

■ 28.7914, 29.7321,
35.7386

■ 76.5051, 79.4165,
92.8899

■ 19.0665, 19.6354,
23.9443

99.8073, 103.7240,
120.5916

■ 11.8227, 12.1303,
15.0805

127.4172,
132.5451, 153.3165

■ 6.6944, 6.8325,
8.7286

159.7002,
166.2642, 191.4832

■ 3.3163, 3.3575,
4.4702

197.0217,
205.2658, 235.5102

■ 1.3232, 1.3211,
1.8867

239.7469,

■ 0.2005, 0.1575,

249.9343, 285.8160

0.4842

288.2413,
300.6539, 342.8191

■ 0.0000, 0.0000,
0.0000

■ 41.3625, 42.8050,
50.8819

■ 41.3625, 42.8050,
50.8819

■ 34.6307, 34.4400,
49.6227

■ 49.0186, 52.3639,
52.3241

■ 28.7845, 27.2167,
48.5366

■ 57.6284, 63.1554,
53.9533

■ 23.7880, 21.0870,
47.6168

■ 67.2243, 75.2230,
55.7768

■ 19.6016, 15.9976,
46.8551

■ 77.8365, 88.6068,
57.8008

■ 16.1821, 11.8905,
46.2426

■ 85.5474, 96.1989,
58.8598

■ 13.4826, 8.7019,
45.7694

■ 11.4510, 6.3606,
45.4246

■ 10.0277, 4.7847,
45.1954

■ 9.1425, 3.8756,
45.0666

Harmonies

Analogous

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



40.5441, 42.8050, 51.3168



41.3625, 42.8050, 50.8819



42.0071, 42.8050, 49.2862

Triad

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



41.3625, 42.8050, 50.8819



41.6098, 42.8050, 42.9604



39.1136, 42.8050, 46.2049

Complementary

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



41.3625, 42.8050, 50.8819



43.8665, 46.8692, 46.7812

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.



39.3907, 42.8050, 44.0274



41.3625, 42.8050, 50.8819



40.8260, 42.8050, 42.1953

Square

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



41.3625, 42.8050, 50.8819



42.1512, 42.8050, 44.7039



40.0147, 42.8050, 42.5792



39.2529, 42.8050, 48.5641

Rectangle

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



41.3625, 42.8050, 50.8819



42.2477, 42.8050, 47.8067



40.0147, 42.8050, 42.5792



39.1610, 42.8050, 45.4283

Sweetspot

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



41.3637, 42.8068, 50.8828



79.2275, 83.0823, 92.0965



42.7526, 45.9156, 51.4097



17.5147, 18.3700, 20.3442



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



41.3637, 42.8068, 50.8828



72.5696, 74.7833, 90.8455



42.3678, 43.3244, 50.9298



9.0467, 9.3078, 11.3992



6.1981, 2.5065, 31.4102



0.2491, 0.1041, 1.1087

Inverse Universe

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



43.1095, 43.7188, 50.4247



76.4201, 76.7949, 89.8273



42.8433, 46.3417, 46.7334



9.5638, 9.5779, 11.2621



18.2335, 8.8672, 24.9141



0.6551, 0.3175, 0.9432

Previews

White Background



This preview shows how the XYZ color 41.3625, 42.8050, 50.8819 looks on a white background.

Color Contrast Check

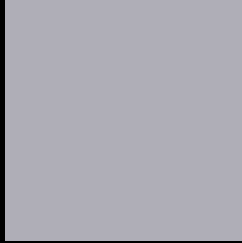
Large Text (above 18pt) WCAG AA × Fail

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 41.3625, 42.8050, 50.8819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

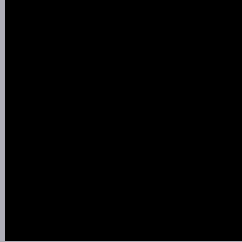
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

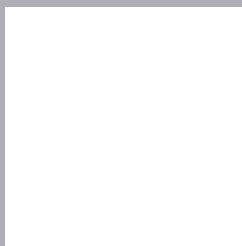
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3625, 42.8050, 50.8819

Background



This preview shows how black text looks on a background with the XYZ color 41.3625, 42.8050, 50.8819.



This preview shows how white text looks on a background with the XYZ color 41.3625, 42.8050,

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

41.3625, 42.8050, 50.8819

Protanopia

41.5878, 42.9211, 50.8924

Deuteranopia

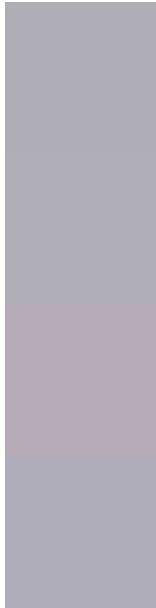
43.7655, 42.9015, 51.3215



Tritanopia

41.8177, 42.7051, 53.0526

Trichromacy



Original Color

41.3625, 42.8050, 50.8819

Protanomaly

41.5878, 42.9211, 50.8924

Deuteranomaly

42.7431, 42.6538, 51.3276

Tritanomaly

41.7110, 42.6624, 52.4906

Monochromacy



Original Color

41.3625, 42.8050, 50.8819

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.0450, 42.9883, 48.2537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3625, 42.8050, 50.8819 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(175, 174, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 174, 183) }
```

Border

The CSS property to change the border of an element to XYZ 41.3625, 42.8050, 50.8819 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, 183) }
```


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

```
.border{ border-color:rgb(175, 174, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 174, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 174, 183);  
box-shadow:4px 4px 4px 4px rgb(175, 174,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3625, 42.8050, 50.8819 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, 183) }
```

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

```
.background{ background-color: rgb(175,  
174, 183) }
```

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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