

Converting Colors

XYZ(42.1051, 41.4845, 51.5773)

Have a look what the booklet for
XYZ(42.1051, 41.4845, 51.5773)
contains.

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Color

**XYZ(42.0510, 41.4531,
51.6839)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A8B9
RGB	182, 168, 185
RGB Percent	71%, 66%, 73%
CMY	0.2863, 0.3412, 0.2745
CMYK	0.02, 0.09, 0.00, 0.27
HSL	289°, 11%, 69%
HSV	289°, 9%, 73%
XYZ	42.0510, 41.4531, 51.6839
YIQ	174.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

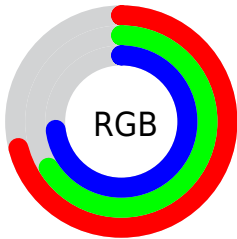
Format	Color
R_{YB}	182, 168, 185
Decimal	11970745
CIE Lab	70.49, 8.18, -6.89
CIE LCh	70, 10.695, 319.900
Yxy	41.4531, 0.3111, 0.3066
Android (android.graphics.Color)	4290160825 (0xFFB6A8B9)
YUV	174.1240, 5.3619, 6.9073
Hunter-Lab	64.3841, 3.9111, -2.5258

Details

The XYZ color **42.0510, 41.4531, 51.6839** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2129, 46.1841, 43.7901**, and the grayscale version is **40.2691, 42.3662, 46.1368**.

A 20% lighter version of the original color is **77.5248, 77.3034, 94.0541**, and **19.4635, 18.8239, 24.4373** is the 20% darker color. If you saturate the color by 10%, you get **38.1140, 34.7099, 50.5905**, and if you desaturate by 10%, it is **46.4944, 49.1810, 52.9420**.

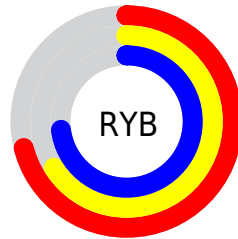
Distribution



Red (71%)

Green (66%)

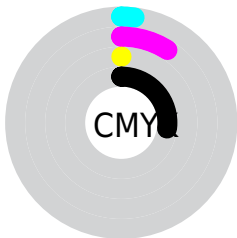
Blue (73%)



Red (71%)

Yellow (66%)

Blue (73%)

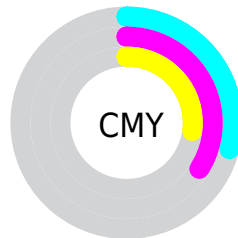


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (29%)


Magenta (34%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0510, 41.4531, 51.6839 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 42.0510, 41.4531, 51.6839 by changing the saturation by 10% instead.


 42.0510, 41.4531,
51.6839


 42.0510, 41.4531,
51.6839


345.6823,
352.2108, 410.1372

 29.3325, 28.6733,
36.3727


 77.5415, 77.3712,
94.0867

 19.4780, 18.8338,
24.4302


 101.0442,
101.2784, 122.0154

 12.1223, 11.5503,
15.4379


128.8724,
129.6634, 154.9870

 6.8998, 6.4382,
8.9773


161.3913,
162.9107, 193.4200

 3.4453, 3.1133,
4.6297

198.9664,
201.4047, 237.7330

 1.3934, 1.1912,
1.9768

241.9631,

 0.2515, 0.0545,

245.5298, 288.3445

0.5410

290.7466,
295.6704, 345.6731

■ 0.0000, 0.0000,
0.0000

■ 42.0510, 41.4531,
51.6839

■ 42.0510, 41.4531,
51.6839

■ 38.1140, 34.7099,
50.5905

■ 46.4944, 49.1810,
52.9420

■ 34.6591, 28.9051,
49.6521

■ 51.4597, 57.9266,
54.3683

■ 31.6655, 23.9967,
48.8625

■ 56.9665, 67.7281,
55.9700

■ 29.1097, 19.9374,
48.2137

■ 63.0322, 78.6202,
57.7527

■ 26.9655, 16.6756,
47.6971

■ 67.8920, 87.0731,
59.1281

■ 25.2043, 14.1539,
47.3032

■ 68.7639, 87.5225,
59.1689

■ 23.7934, 12.3073,
47.0211

■ 69.6545, 87.9816,
59.2106

■ 22.6945, 11.0593,
46.8381

■ 70.5638, 88.4504,
59.2531

■ 21.8378, 10.2704,
46.7310

■ 71.4921, 88.9290,
59.2966

Harmonies

Analogous

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



40.5654, 41.4531, 54.8962



42.0510, 41.4531, 51.6839



42.8334, 41.4531, 46.8598

Triad

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



42.0510, 41.4531, 51.6839



39.9975, 41.4531, 36.2339



36.2968, 41.4531, 48.5222

Complementary

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



42.0510, 41.4531, 51.6839



41.2129, 46.1841, 43.7901

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.



36.1550, 41.4531, 43.4538



42.0510, 41.4531, 51.6839



38.2570, 41.4531, 36.6061

Square

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



42.0510, 41.4531, 51.6839



41.6246, 41.4531, 38.1072



36.8627, 41.4531, 39.1648



37.2559, 41.4531, 52.9786

Rectangle

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



42.0510, 41.4531, 51.6839



42.8356, 41.4531, 43.4862



36.8627, 41.4531, 39.1648



36.1531, 41.4531, 46.8257

Sweetspot

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



42.0522, 41.4549, 51.6848



80.0885, 82.5255, 93.9125



39.4921, 40.9994, 51.7318



17.1265, 17.5489, 20.2062



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.



42.0522, 41.4549, 51.6848



73.8380, 71.6997, 92.1524



42.2107, 41.6010, 48.7817



9.2213, 9.0804, 11.3461



14.8794, 6.9818, 31.8165



0.5658, 0.2674, 1.1235

Inverse Universe

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



41.3623, 41.2617, 44.3143



72.3646, 71.2902, 76.2668



41.0788, 46.0558, 46.4561



9.0676, 9.0374, 9.7034



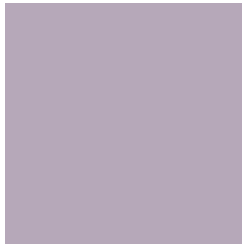
13.8265, 7.1044, 1.7071



0.5074, 0.2584, 0.1653

Previews

White Background



This preview shows how the XYZ color 42.0510, 41.4531, 51.6839 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 42.0510, 41.4531, 51.6839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

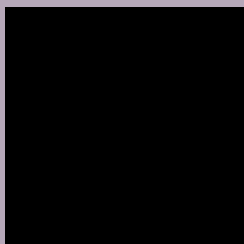
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0510, 41.4531, 51.6839

Background



This preview shows how black text looks on a background with the XYZ color 42.0510, 41.4531, 51.6839.



This preview shows how white text looks on a background with the XYZ color 42.0510, 41.4531,

51.6839.

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

42.0510, 41.4531, 51.6839

Protanopia

40.3271, 41.3716, 52.8738

Deuteranopia

42.2880, 41.5753, 51.6950



Tritanopia

41.9229, 41.6984, 50.0950

Trichromacy



Original Color

42.0510, 41.4531, 51.6839

Protanomaly

40.9168, 41.4086, 52.2905

Deuteranomaly

42.2880, 41.5753, 51.6950

Tritanomaly

42.0266, 41.7399, 50.6413

Monochromacy



Original Color

42.0510, 41.4531, 51.6839

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.9199, 42.0665, 48.0824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0510, 41.4531, 51.6839 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(182, 168, 185)` looks like.

```
.text, #text, p{  
    color:rgb(182, 168, 185)  
}
```

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(182, 168, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 168, 185) }
```

Border

The CSS property to change the border of an element to XYZ 42.0510, 41.4531, 51.6839 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(182, 168, 185) }
```


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

```
.border{ border-color:rgb(182, 168, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 168, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 168, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 168, 185);  
box-shadow:4px 4px 4px 4px rgb(182, 168,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0510, 41.4531, 51.6839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 168, 185) }
```

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

```
.background{ background-color: rgb(182,  
168, 185) }
```

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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