

Converting Colors

XYZ(42.7566, 43.2137, 51.9865)

Have a look what the booklet for
XYZ(42.7566, 43.2137, 51.9865)
contains.

XYZ(42.7566, 43.2137, 51.9865)	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(42.7566, 43.2137,
51.9865)**

Conversions

Conversions Part 1

Format	Color
Hex	B5ADB9
RGB	181, 173, 185
RGB Percent	71%, 68%, 73%
CMY	0.2902, 0.3216, 0.2745
CMYK	0.02, 0.06, 0.00, 0.27
HSL	280°, 8%, 70%
HSV	280°, 6%, 73%
XYZ	42.7566, 43.2137, 51.9865
YIQ	176.7600, 0.9160, 5.4280

Conversions

Conversions Part 2

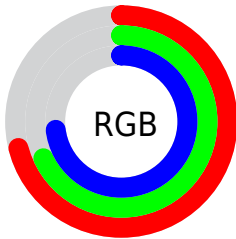
Format	Color
R_{YB}	181, 173, 185
Decimal	11906489
CIE Lab	71.70, 5.09, -5.11
CIE LCh	72, 7.217, 314.912
Yxy	43.2137, 0.3099, 0.3132
Android (android.graphics.Color)	4290096569 (0xFFB5ADB9)
YUV	176.7600, 4.0623, 3.7185
Hunter-Lab	65.7371, 1.0596, -0.8720

Details

The XYZ color **42.7566, 43.2137, 51.9865** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.0249, 47.0633, 46.3538**, and the grayscale version is **41.6442, 43.8129, 47.7123**.

A 20% lighter version of the original color is **78.5456, 79.8422, 94.4904**, and **19.9043, 19.9299, 24.6276** is the 20% darker color. If you saturate the color by 10%, you get **38.0379, 35.8755, 50.8194**, and if you desaturate by 10%, it is **48.0331, 51.5710, 53.3222**.

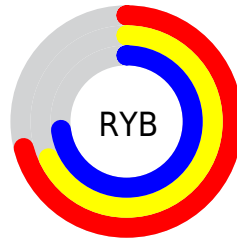
Distribution



Red (71%)

Green (68%)

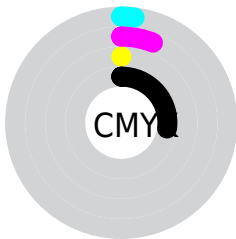
Blue (73%)



Red (71%)

Yellow (68%)

Blue (73%)

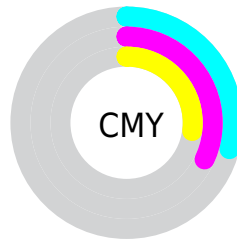


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7566, 43.2137, 51.9865 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 42.7566, 43.2137, 51.9865 by changing the saturation by 10% instead.

■ 42.7566, 43.2137,
51.9865

■ 42.7566, 43.2137,
51.9865

348.5483,
359.4899, 411.3400

■ 29.8879, 30.0528,
36.6121

■ 78.6014, 80.0332,
94.5377

■ 19.9011, 19.8787,
24.6139

102.3083,
104.4607, 122.5516

■ 12.4311, 12.3069,
15.5732

130.3585,
133.4125, 155.6159

■ 7.1122, 6.9530,
9.0716

163.1175,
167.2729, 194.1489

■ 3.5793, 3.4328,
4.6905

200.9506,
206.4265, 238.5693

■ 1.4670, 1.3616,
2.0113

244.2233,

■ 0.3032, 0.1882,

251.2576, 289.2955

0.5622

293.3007,
302.1506, 346.7463

■ 0.0000, 0.0000,
0.0000

■ 42.7566, 43.2137,
51.9865

■ 42.7566, 43.2137,
51.9865

■ 38.0379, 35.8755,
50.8194

■ 48.0331, 51.5710,
53.3222

■ 33.8523, 29.5103,
49.8114

■ 53.8832, 60.9801,
54.8300

■ 30.1788, 24.0767,
48.9563

■ 60.3271, 71.4791,
56.5169

■ 26.9934, 19.5280,
48.2462

■ 67.3824, 83.1024,
58.3885

■ 24.2701, 15.8135,
47.6727

■ 71.6228, 88.9963,
59.3027

■ 21.9803, 12.8771,
47.2266

■ 73.4334, 89.9297,
59.3874

■ 20.0917, 10.6558,
46.8974

■ 75.3127, 90.8985,
59.4754

■ 18.5669, 9.0762,
46.6729

■ 77.2613, 91.9031,
59.5666

■ 17.3567, 8.0409,
46.5368

■ 79.2800, 92.9438,
59.6610

Harmonies

Analogous

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



41.6816, 43.2137, 53.8673



42.7566, 43.2137, 51.9865



43.3867, 43.2137, 48.8279

Triad

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



42.7566, 43.2137, 51.9865



41.6887, 43.2137, 40.8428



38.8419, 43.2137, 48.8074

Complementary

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



42.7566, 43.2137, 51.9865



43.0249, 47.0633, 46.3538

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.



38.8437, 43.2137, 45.3204



42.7566, 43.2137, 51.9865



40.4710, 43.2137, 40.8380

Square

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



42.7566, 43.2137, 51.9865



42.7619, 43.2137, 42.4545



39.4348, 43.2137, 42.4408



39.4298, 43.2137, 51.9708

Rectangle

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



42.7566, 43.2137, 51.9865



43.4619, 43.2137, 46.4779



39.4348, 43.2137, 42.4408



38.7739, 43.2137, 47.6316

Sweetspot

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



42.7579, 43.2156, 51.9874



80.6591, 83.8310, 94.1344



41.7539, 43.9122, 52.1748



17.4100, 18.1064, 20.2989



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.



42.7579, 43.2156, 51.9874



75.1190, 75.1106, 92.7432



43.5205, 43.6305, 51.0376



9.0821, 9.0087, 11.3396



11.6356, 5.3095, 31.6647



0.4729, 0.2195, 1.1192

Inverse Universe

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



42.8885, 43.3777, 47.7094



75.4181, 75.4762, 83.2067



42.3024, 46.6706, 47.2353



9.1248, 9.0603, 10.0047



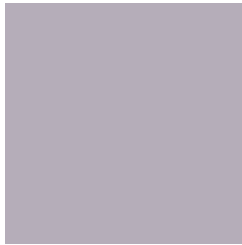
14.2401, 7.2698, 3.8851



0.5315, 0.2681, 0.2923

Previews

White Background



This preview shows how the XYZ color 42.7566, 43.2137, 51.9865 looks on a white background.

Color Contrast Check

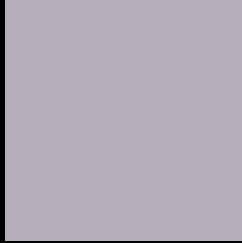
Large Text (above 18pt) WCAG AA × Fail

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 42.7566, 43.2137, 51.9865 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 42.7566, 43.2137, 51.9865

Background



This preview shows how black text looks on a background with the XYZ color 42.7566, 43.2137, 51.9865.



This preview shows how white text looks on a background with the XYZ color 42.7566, 43.2137,

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

42.7566, 43.2137, 51.9865

Protanopia

42.0974, 43.4352, 52.6194

Deuteranopia

43.8707, 42.9436, 51.8756



Tritanopia

42.8626, 43.2561, 52.5445

Trichromacy



Original Color

42.7566, 43.2137, 51.9865

Protanomaly

42.3591, 43.2823, 52.5761

Deuteranomaly

43.3274, 42.9429, 51.9041

Tritanomaly

42.8626, 43.2561, 52.5445

Monochromacy



Original Color

42.7566, 43.2137, 51.9865

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.1237, 43.8109, 49.4162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7566, 43.2137, 51.9865 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(181, 173, 185)` looks like.

```
.text, #text, p{  
    color:rgb(181, 173, 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(181, 173, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 173, 185) }
```

Border

The CSS property to change the border of an element to XYZ 42.7566, 43.2137, 51.9865 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(181, 173, 185) }
```


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

```
.border{ border-color:rgb(181, 173, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 173, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 173, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 173, 185);  
box-shadow:4px 4px 4px 4px rgb(181, 173,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7566, 43.2137, 51.9865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 173, 185) }
```

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

```
.background{ background-color: rgb(181,  
173, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor