

Converting Colors

XYZ(42.7620, 43.2120, 51.4651)

Have a look what the booklet for
XYZ(42.7620, 43.2120, 51.4651)
contains.

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Color

**XYZ(42.6514, 43.1716,
51.4324)**

Conversions

Conversions Part 1

Format	Color
Hex	B5ADB8
RGB	181, 173, 184
RGB Percent	71%, 68%, 72%
CMY	0.2902, 0.3216, 0.2784
CMYK	0.02, 0.06, 0.00, 0.28
HSL	284°, 7%, 70%
HSV	284°, 6%, 72%
XYZ	42.6514, 43.1716, 51.4324
YIQ	176.6460, 1.2370, 5.1170

Conversions

Conversions Part 2

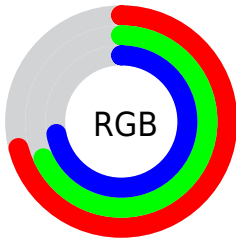
Format	Color
R _Y B	181, 173, 184
Decimal	11906488
CIE Lab	71.67, 4.90, -4.60
CIE LCh	72, 6.725, 316.813
Yxy	43.1716, 0.3107, 0.3145
Android (android.graphics.Color)	4290096568 (0xFFB5ADB8)
YUV	176.6460, 3.6255, 3.8185
Hunter-Lab	65.7051, 0.8865, -0.4172

Details

The XYZ color **42.6514, 43.1716, 51.4324** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5894, 46.5293, 46.2737**, and the grayscale version is **41.5866, 43.7523, 47.6463**.

A 20% lighter version of the original color is **78.3966, 79.7826, 93.7057**, and **19.8362, 19.9026, 24.2688** is the 20% darker color. If you saturate the color by 10%, you get **38.2079, 35.9999, 50.2830**, and if you desaturate by 10%, it is **47.6257, 51.3407, 52.7477**.

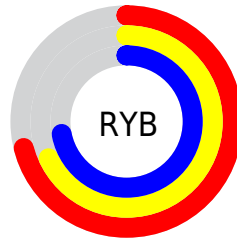
Distribution



Red (71%)

Green (68%)

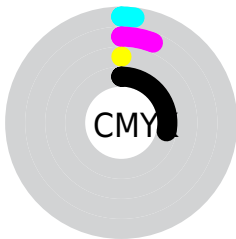
Blue (72%)



Red (71%)

Yellow (68%)

Blue (72%)

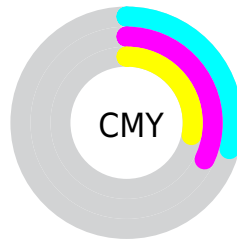


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6514, 43.1716, 51.4324 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 42.6514, 43.1716, 51.4324 by changing the saturation by 10% instead.

■ 42.6514, 43.1716,
51.4324

■ 42.6514, 43.1716,
51.4324

348.1220,
359.3170, 409.1358

■ 29.8050, 30.0198,
36.1737

■ 78.4435, 79.9697,
93.7116

■ 19.8380, 19.8536,
24.2776

102.1200,
104.3849, 121.5693

■ 12.3849, 12.2887,
15.3256

130.1373,
133.3232, 154.4637

■ 7.0804, 6.9406,
8.8991

162.8606,
167.1691, 192.8134

■ 3.5592, 3.4250,
4.5795

200.6554,
206.3071, 237.0369

■ 1.4559, 1.3574,
1.9483

243.8870,

■ 0.2956, 0.1850,

251.1215, 287.5528

0.5232

292.9207,
301.9966, 344.7796

■ 0.0000, 0.0000,
0.0000

■ 42.6514, 43.1716,
51.4324

■ 42.6514, 43.1716,
51.4324

■ 38.2079, 35.9999,
50.2830

■ 47.6257, 51.3407,
52.7477

■ 34.2714, 29.7804,
49.2900

■ 53.1461, 60.5390,
54.2322

■ 30.8214, 24.4724,
48.4473

■ 59.2319, 70.8039,
55.8927

■ 27.8349, 20.0304,
47.7473

■ 65.9003, 82.1691,
57.7350

■ 25.2866, 16.4047,
47.1817

■ 69.8924, 88.1165,
58.6725

■ 23.1490, 13.5405,
46.7416

■ 71.3092, 88.8468,
58.7388

■ 21.3907, 11.3762,
46.4165

■ 72.7708, 89.6003,
58.8072

■ 19.9756, 9.8403,
46.1946

■ 74.2777, 90.3772,
58.8778

■ 18.8578, 8.8414,
46.0607

■ 75.8304, 91.1776,
58.9504

Harmonies

Analogous

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



41.6702, 43.1716, 53.2717



42.6514, 43.1716, 51.4324



43.2034, 43.1716, 48.4524

Triad

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



42.6514, 43.1716, 51.4324



41.5351, 43.1716, 41.1588



38.9718, 43.1716, 48.8447

Complementary

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



42.6514, 43.1716, 51.4324



42.5894, 46.5293, 46.2737

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.



38.9371, 43.1716, 45.5897



42.6514, 43.1716, 51.4324



40.4029, 43.1716, 41.2529

Square

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



42.6514, 43.1716, 51.4324



42.5509, 43.1716, 42.5788



39.4567, 43.1716, 42.8421



39.5522, 43.1716, 51.7310

Rectangle

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



42.6514, 43.1716, 51.4324



43.2472, 43.1716, 46.2662



39.4567, 43.1716, 42.8421



38.8963, 43.1716, 47.7547

Sweetspot

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



42.6526, 43.1735, 51.4333



80.7568, 83.8814, 94.1390



41.4353, 43.4432, 51.5496



17.4300, 18.1167, 20.2998



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.



42.6526, 43.1735, 51.4333



76.3518, 76.6897, 92.9830



43.1160, 43.4409, 50.1620



9.3256, 9.3444, 11.3916



12.7881, 5.9037, 31.7186



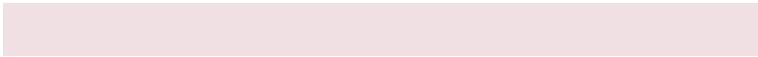
0.5069, 0.2370, 1.1208

Inverse Universe

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



42.5487, 43.2140, 47.1749



76.1340, 76.7795, 83.8411



42.1512, 46.2766, 47.4676



9.2978, 9.3560, 10.2173



14.0490, 7.1934, 2.8791



0.5222, 0.2643, 0.2432

Previews

White Background



This preview shows how the XYZ color 42.6514, 43.1716, 51.4324 looks on a white background.

Color Contrast Check

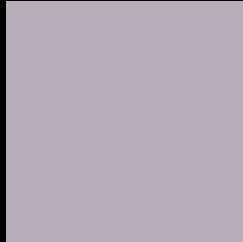
Large Text (above 18pt) WCAG AA × Fail

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 42.6514, 43.1716, 51.4324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

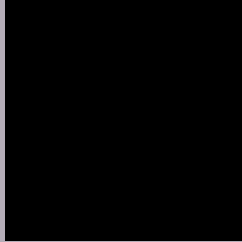
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6514, 43.1716, 51.4324

Background



This preview shows how black text looks on a background with the XYZ color 42.6514, 43.1716, 51.4324.



This preview shows how white text looks on a background with the XYZ color 42.6514, 43.1716,

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

42.6514, 43.1716, 51.4324

Protanopia

41.9914, 43.3928, 52.0614

Deuteranopia

44.1179, 43.0711, 51.8872



Tritanopia

42.8626, 43.2561, 52.5445

Trichromacy



Original Color

42.6514, 43.1716, 51.4324

Protanomaly

42.2531, 43.2399, 52.0181

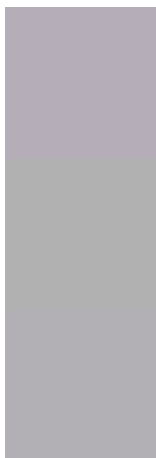
Deuteranomaly

43.5696, 43.0677, 51.9155

Tritanomaly

42.7566, 43.2137, 51.9865

Monochromacy



Original Color

42.6514, 43.1716, 51.4324

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 42.6514, 43.1716, 51.4324 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(181, 173, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 173, 184) }
```

Border

The CSS property to change the border of an element to XYZ 42.6514, 43.1716, 51.4324 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, 184) }
```


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

```
.border{ border-color:rgb(181, 173, 184) }
```

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, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 173, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 173, 184);  
box-shadow:4px 4px 4px 4px rgb(181, 173,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6514, 43.1716, 51.4324 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, 184) }
```

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

```
.background{ background-color: rgb(181,  
173, 184) }
```

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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