

Converting Colors

XYZ(42.6724, 42.7470, 44.5722)

Have a look what the booklet for
XYZ(42.6724, 42.7470, 44.5722)
contains.

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Color

**XYZ(42.6526, 42.7575,
44.5331)**

Conversions

Conversions Part 1

Format	Color
Hex	BCABAB
RGB	188, 171, 171
RGB Percent	74%, 67%, 67%
CMY	0.2627, 0.3294, 0.3294
CMYK	0.00, 0.09, 0.09, 0.26
HSL	0°, 11%, 70%
HSV	0°, 9%, 74%
XYZ	42.6526, 42.7575, 44.5331
YIQ	176.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

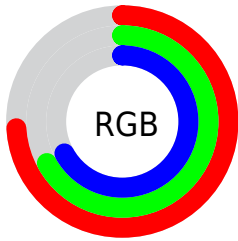
Format	Color
R_{YB}	188, 171, 171
Decimal	12364715
CIE Lab	71.39, 6.12, 2.21
CIE LCh	71, 6.507, 19.894
Yxy	42.7575, 0.3282, 0.3290
Android (android.graphics.Color)	4290554795 (0xFFBCABAB)
YUV	176.0830, -2.5059, 10.4512
Hunter-Lab	65.3892, 2.0023, 5.3932

Details

The XYZ color **42.6526, 42.7575, 44.5331** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8546, 48.2541, 54.5799**, and the grayscale version is **41.3201, 43.4719, 47.3409**.

A 20% lighter version of the original color is **78.2321, 79.1168, 83.0993**, and **19.9183, 19.6765, 20.2009** is the 20% darker color. If you saturate the color by 10%, you get **37.6853, 35.4893, 34.6561**, and if you desaturate by 10%, it is **48.3821, 51.1412, 55.9227**.

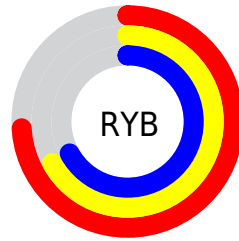
Distribution



Red (74%)

Green (67%)

Blue (67%)



Red (74%)

Yellow (67%)

Blue (67%)

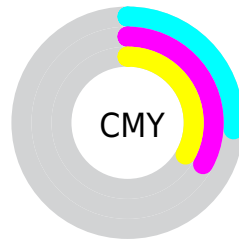


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6526, 42.7575, 44.5331 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 42.6526, 42.7575, 44.5331 by changing the saturation by 10% instead.

■ 42.6526, 42.7575,
44.5331

■ 42.6526, 42.7575,
44.5331

348.1269,
357.6135, 380.9841

■ 29.8060, 29.6949,
30.7496

■ 78.4453, 79.3448,
83.3303

■ 19.8387, 19.6071,
20.1514

102.1222,
103.6383, 109.1811

■ 12.3854, 12.1098,
12.3199

130.1398,
132.4441, 139.8914

■ 7.0808, 6.8185,
6.8368

162.8635,
166.1468, 175.8797

■ 3.5595, 3.3488,
3.2833

200.6587,
205.1307, 217.5646

■ 1.4561, 1.3165,
1.2411

243.8908,

■ 0.2956, 0.1539,

249.7802, 265.3646

0.0127

292.9251,
300.4797, 319.6983

0.0000, 0.0000,
0.0000

42.6526, 42.7575,
44.5331

42.6526, 42.7575,
44.5331

37.6853, 35.4893,
34.6561

48.3821, 51.1412,
55.9227

33.4447, 29.2842,
26.2256

54.9003, 60.6787,
68.8818

29.8978, 24.0942,
19.1744

62.2366, 71.4133,
83.4678

27.0078, 19.8652,
13.4293

70.4182, 83.3846,
99.7344

24.7343, 16.5383,
8.9099

74.5492, 89.4314,
107.9406

■ 23.0326, 14.0481,
5.5274

■ 21.8518, 12.3201,
3.1808

■ 21.1324, 11.2671,
1.7512

■ 20.7690, 10.7353,
1.0292

Harmonies

Analogous

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



42.7487, 42.7575, 47.6222



42.6526, 42.7575, 44.5331



42.0117, 42.7575, 42.0928

Triad

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



42.6526, 42.7575, 44.5331



39.0500, 42.7575, 42.7769



40.2713, 42.7575, 52.7502

Complementary

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



42.6526, 42.7575, 44.5331



43.8546, 48.2541, 54.5799

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.



39.2979, 42.7575, 51.3234



42.6526, 42.7575, 44.5331



38.6012, 42.7575, 45.5052

Square

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



42.6526, 42.7575, 44.5331



39.9272, 42.7575, 41.1108



38.6912, 42.7575, 48.6385



41.3606, 42.7575, 52.4612

Rectangle

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



42.6526, 42.7575, 44.5331



41.3681, 42.7575, 41.1178



38.6912, 42.7575, 48.6385



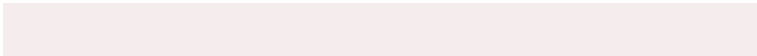
39.9200, 42.7575, 52.4529

Sweetspot

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



42.6538, 42.7594, 44.5340



83.3561, 86.3513, 92.7446



44.3795, 43.4486, 53.6246



17.7437, 18.3037, 19.5832



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.6538, 42.7594, 44.5340



75.2642, 74.5111, 76.6571



44.3107, 46.0731, 45.0863



9.5303, 9.5367, 9.9151



14.1206, 7.2799, 0.6609



0.5532, 0.2853, 0.0259

Inverse Universe

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



43.8546, 48.2541, 54.5799



77.9164, 86.6466, 98.8440



42.0927, 44.7303, 53.9926



9.8085, 10.8092, 12.2416



18.4186, 26.9489, 36.6238



0.7215, 1.0557, 1.4346

Previews

White Background



This preview shows how the XYZ color 42.6526, 42.7575, 44.5331 looks on a white background.

Color Contrast Check

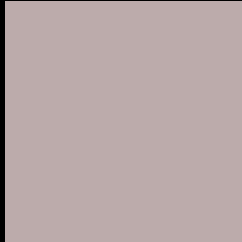
Large Text (above 18pt) WCAG AA × Fail

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 42.6526, 42.7575, 44.5331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

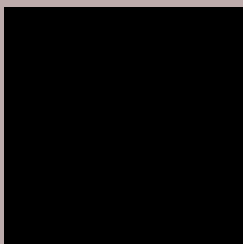
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

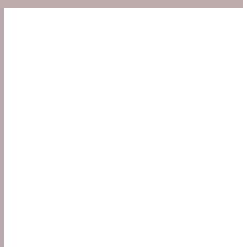
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6526, 42.7575, 44.5331

Background



This preview shows how black text looks on a background with the XYZ color 42.6526, 42.7575, 44.5331.



This preview shows how white text looks on a background with the XYZ color 42.6526, 42.7575,

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

42.6526, 42.7575, 44.5331

Protanopia

41.0390, 42.7542, 45.6246

Deuteranopia

43.5310, 42.6537, 44.4667



Tritanopia

43.8667, 42.7005, 50.1860

Trichromacy



Original Color

42.6526, 42.7575, 44.5331

Protanomaly

41.6814, 42.8108, 45.0962

Deuteranomaly

43.2113, 42.7661, 44.5053

Tritanomaly

43.3969, 42.7826, 48.0901

Monochromacy



Original Color

42.6526, 42.7575, 44.5331

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.5984, 43.0314, 46.1578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6526, 42.7575, 44.5331 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(188, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(188, 171, 171)  
}
```

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(188, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 171, 171) }
```

Border

The CSS property to change the border of an element to XYZ 42.6526, 42.7575, 44.5331 is called "border". The border property can be set on classes, ids or directly on the HTML element.

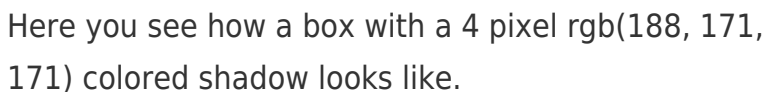
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 171, 171) }
```


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

```
.border{ border-color:rgb(188, 171, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 171, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 171, 171); box-shadow:4px 4px 4px 4px rgb(188, 171, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6526, 42.7575, 44.5331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 171, 171) }
```

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

```
.background{ background-color: rgb(188,  
171, 171) }
```

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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