

Converting Colors

XYZ(43.7586, 42.5716, 53.4878)

Have a look what the booklet for
XYZ(43.7586, 42.5716, 53.4878)
contains.

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Color

**XYZ(43.7586, 42.5716,
53.4878)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA9BC
RGB	187, 169, 188
RGB Percent	73%, 66%, 74%
CMY	0.2667, 0.3372, 0.2627
CMYK	0.01, 0.10, 0.00, 0.26
HSL	297°, 12%, 70%
HSV	297°, 10%, 74%
XYZ	43.7586, 42.5716, 53.4878
YIQ	176.5480, 4.6290, 9.7250

Conversions

Conversions Part 2

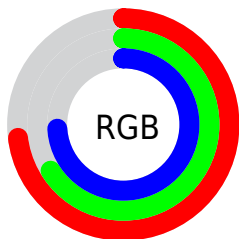
Format	Color
R_{YB}	187, 169, 188
Decimal	12298684
CIE Lab	71.26, 9.95, -7.35
CIE LCh	71, 12.370, 323.522
Yxy	42.5716, 0.3130, 0.3045
Android (android.graphics.Color)	4290488764 (0xFFBBA9BC)
YUV	176.5480, 5.6458, 9.1664
Hunter-Lab	65.2469, 5.5310, -2.9316

Details

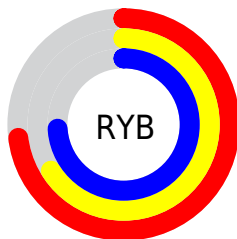
The XYZ color **43.7586, 42.5716, 53.4878** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.7238, 47.3782, 44.4841**, and the grayscale version is **41.5238, 43.6863, 47.5743**.

A 20% lighter version of the original color is **79.9469, 78.8976, 96.6031**, and **20.5660, 19.5402, 25.6094** is the 20% darker color. If you saturate the color by 10%, you get **40.2687, 35.9494, 52.3942**, and if you desaturate by 10%, it is **47.7555, 50.2041, 54.7510**.

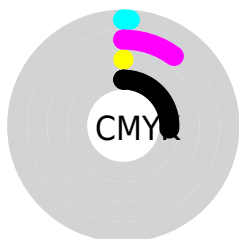
Distribution



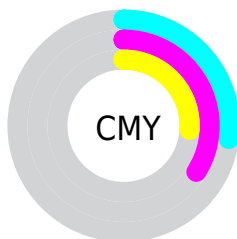
- Red (73%)
- Green (66%)
- Blue (74%)



- Red (73%)
- Yellow (66%)
- Blue (74%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (26%)



- Cyan (27%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7586, 42.5716, 53.4878 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 43.7586, 42.5716, 53.4878 by changing the saturation by 10% instead.

■ 43.7586, 42.5716,
53.4878

■ 43.7586, 42.5716,
53.4878

352.5911,
356.8470, 417.2731

■ 30.6779, 29.5491,
37.8019

■ 80.1030, 79.0640,
96.7706

■ 20.5043, 19.4966,
25.5284

■ 104.0973,
103.3027, 125.2046

■ 12.8725, 12.0297,
16.2485

132.4603,
132.0489, 158.7250

■ 7.4172, 6.7639,
9.5439

165.5571,
165.6871, 197.7505

■ 3.7730, 3.3149,
4.9960

203.7533,
204.6016, 242.6995

■ 1.5745, 1.2982,
2.1862

247.4141,

■ 0.3757, 0.1398,

249.1768, 293.9905

0.6664

296.9050,
299.7972, 352.0422

■ 0.0000, 0.0000,
0.0000

■ 43.7586, 42.5716,
53.4878

■ 43.7586, 42.5716,
53.4878

■ 40.2687, 35.9494,
52.3942

■ 47.7555, 50.2041,
54.7510

■ 37.2608, 30.2893,
51.4602

■ 52.2758, 58.8815,
56.1877

■ 34.7132, 25.5474,
50.6792

■ 57.3397, 68.6437,
57.8051

■ 32.6012, 21.6740,
50.0429

■ 62.9653, 79.5268,
59.6092

■ 30.8976, 18.6151,
49.5422

■ 66.5626, 86.3507,
60.7368

■ 29.5723, 16.3105,
49.1672

■ 66.8139, 86.4803,
60.7485

■ 28.5911, 14.6915,
48.9064

■ 67.0670, 86.6107,
60.7604

■ 27.9134, 13.6771,
48.7464

■ 67.3217, 86.7421,
60.7723

■ 27.4615, 13.1083,
48.6604

■ 67.5781, 86.8743,
60.7843

Harmonies

Analogous

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



42.0773, 42.5716, 57.6462



43.7586, 42.5716, 53.4878



44.5606, 42.5716, 47.6550

Triad

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



43.7586, 42.5716, 53.4878



40.9151, 42.5716, 35.8961



36.9120, 42.5716, 51.0675

Complementary

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



43.7586, 42.5716, 53.4878



41.7238, 47.3782, 44.4841

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.



36.6247, 42.5716, 45.0754



43.7586, 42.5716, 53.4878



38.8906, 42.5716, 36.6408

Square

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



43.7586, 42.5716, 53.4878



42.8830, 42.5716, 37.7545



37.3372, 42.5716, 39.8831



38.1358, 42.5716, 56.1674

Rectangle

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



43.7586, 42.5716, 53.4878



44.4698, 42.5716, 43.7310



37.3372, 42.5716, 39.8831



36.7045, 42.5716, 49.0782

Sweetspot

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



43.7598, 42.5734, 53.4887



84.3191, 86.7203, 98.5208



39.8659, 40.9175, 53.3743



18.0041, 18.4034, 21.1459



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.



43.7598, 42.5734, 53.4887



77.9092, 74.4973, 96.4994



43.1429, 42.3550, 48.9583



9.8790, 9.6700, 12.0180



18.7170, 8.9351, 33.1310



0.7485, 0.3579, 1.2985

Inverse Universe

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



42.1842, 41.9716, 43.9104



74.5155, 73.2018, 75.8273



42.3060, 47.5862, 48.6739



9.5500, 9.5443, 10.0192



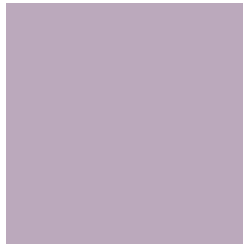
14.1658, 7.2975, 0.9009



0.5619, 0.2887, 0.0724

Previews

White Background



This preview shows how the XYZ color 43.7586, 42.5716, 53.4878 looks on a white background.

Color Contrast Check

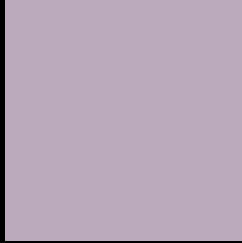
Large Text (above 18pt) WCAG AA × Fail

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 43.7586, 42.5716, 53.4878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

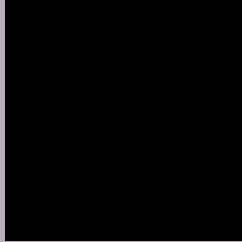
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7586, 42.5716, 53.4878

Background



This preview shows how black text looks on a background with the XYZ color 43.7586, 42.5716, 53.4878.



This preview shows how white text looks on a background with the XYZ color 43.7586, 42.5716,

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

43.7586, 42.5716, 53.4878

Protanopia

41.5811, 42.5330, 55.3083

Deuteranopia

43.4594, 42.6946, 53.5273



Tritanopia

43.1717, 42.6075, 50.7484

Trichromacy



Original Color

43.7586, 42.5716, 53.4878

Protanomaly

42.4069, 42.6877, 54.7197

Deuteranomaly

43.7015, 42.8194, 53.5386

Tritanomaly

43.3814, 42.6913, 51.8527

Monochromacy



Original Color

43.7586, 42.5716, 53.4878

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.5326, 43.4321, 49.8576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7586, 42.5716, 53.4878 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(187, 169, 188)` looks like.

```
.text, #text, p{  
    color:rgb(187, 169, 188)  
}
```

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(187, 169, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 169, 188) }
```

Border

The CSS property to change the border of an element to XYZ 43.7586, 42.5716, 53.4878 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(187, 169, 188) }
```


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

```
.border{ border-color:rgb(187, 169, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 169, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 169, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 169, 188);  
box-shadow:4px 4px 4px 4px rgb(187, 169,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7586, 42.5716, 53.4878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 169, 188) }
```

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

```
.background{ background-color: rgb(187,  
169, 188) }
```

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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