

Converting Colors

XYZ(47.9511, 52.3586, 52.9263)

Have a look what the booklet for
XYZ(47.9511, 52.3586, 52.9263)
contains.

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Color

**XYZ(47.9511, 52.3586,
52.9263)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C2B8
RGB	185, 194, 184
RGB Percent	73%, 76%, 72%
CMY	0.2745, 0.2392, 0.2784
CMYK	0.05, 0.00, 0.05, 0.24
HSL	114°, 8%, 74%
HSV	114°, 5%, 76%
XYZ	47.9511, 52.3586, 52.9263
YIQ	190.1690, -2.1540, -5.0180

Conversions

Conversions Part 2

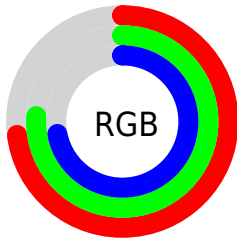
Format	Color
RYB	184, 194, 193
Decimal	12174008
CIELab	77.49, -4.96, 3.94
CIElCh	77, 6.335, 141.495
Yxy	52.3586, 0.3129, 0.3417
Android (android.graphics.Color)	4290364088 (0xFFB9C2B8)
YUV	190.1690, -3.0413, -4.5332
Hunter-Lab	72.3592, -8.3401, 7.2845

Details

The XYZ color **47.9511, 52.3586, 52.9263** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8725, 49.5149, 58.0232**, and the grayscale version is **49.0600, 51.6150, 56.2087**.

A 20% lighter version of the original color is **86.1894, 93.3633, 95.9163**, and **22.9905, 25.3004, 25.1445** is the 20% darker color. If you saturate the color by 10%, you get **42.0987, 49.5621, 42.7548**, and if you desaturate by 10%, it is **54.6028, 55.5379, 64.5933**.

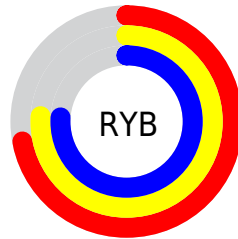
Distribution



Red (73%)

Green (76%)

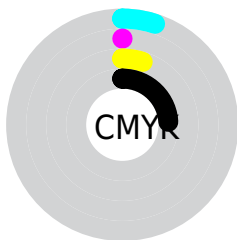
Blue (72%)



Red (72%)

Yellow (76%)

Blue (76%)

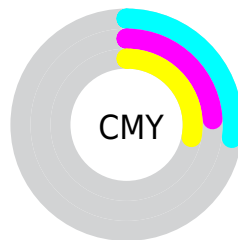


Cyan (5%)

Magenta (0%)

Yellow (5%)

Black (24%)



Cyan (27%)

Magenta (24%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9511, 52.3586, 52.9263 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 47.9511, 52.3586, 52.9263 by changing the saturation by 10% instead.

■ 47.9511, 52.3586,
52.9263

■ 47.9511, 52.3586,
52.9263

369.1841,
395.8194, 415.0606

■ 33.9993, 37.2910,
37.3566

■ 86.3417, 93.6599,
95.9364

■ 23.0559, 25.4329,
25.1858

111.5112,
120.6623, 124.2138

■ 14.7557, 16.3999,
15.9952

141.1506,
152.4119, 157.5643

■ 8.7333, 9.8075,
9.3665

175.6253,
189.2929, 196.4063

■ 4.6234, 5.2715,
4.8809

215.3007,
231.6897, 241.1584

■ 2.0605, 2.4074,
2.1200

260.5420,

■ 0.6676, 0.8297,

279.9869, 292.2391

0.6277

311.7147,
334.5686, 350.0670

■ 0.0000, 0.0000,
0.0000

■ 47.9511, 52.3586,
52.9263

■ 47.9511, 52.3586,
52.9263

■ 42.0987, 49.5621,
42.7548

■ 54.6028, 55.5379,
64.5933

■ 37.0112, 47.1276,
34.0150

■ 62.0778, 59.1066,
77.8092

■ 32.6582, 45.0422,
26.6438

■ 70.4044, 63.0797,
92.6291

■ 29.0058, 43.2899,
20.5719

■ 78.5268, 67.0368,
103.4083

■ 26.0170, 41.8534,
15.7239

■ 78.5828, 67.0657,
103.4109

■ 23.6519, 40.7137,
12.0168

■ 21.8657, 39.8499,
9.3572

■ 20.6079, 39.2383,
7.6369

■ 19.8190, 38.8510,
6.7243

Harmonies

Analogous

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



48.9102, 52.3586, 50.9813



47.9511, 52.3586, 52.9263



47.4799, 52.3586, 56.0212

Triad

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



47.9511, 52.3586, 52.9263



49.4190, 52.3586, 63.9192



51.9812, 52.3586, 54.5820

Complementary

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



47.9511, 52.3586, 52.9263



48.8725, 49.5149, 58.0232

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.



52.1228, 52.3586, 58.0096



47.9511, 52.3586, 52.9263



50.6302, 52.3586, 63.4954

Square

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



47.9511, 52.3586, 52.9263



48.3183, 52.3586, 62.4332



51.6246, 52.3586, 61.2977



51.2409, 52.3586, 51.9096

Rectangle

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



47.9511, 52.3586, 52.9263



47.5006, 52.3586, 58.3596



51.6246, 52.3586, 61.2977



52.1009, 52.3586, 55.6806

Sweetspot

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



47.9526, 52.3608, 52.9274



90.4803, 96.5832, 102.1941



49.9722, 53.0726, 52.9584



19.8400, 21.1630, 22.4245



0.0000, 0.0000, 0.0000



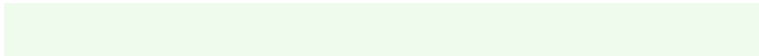
20.3446, 21.4041, 23.3091

Same Dimension

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



47.9526, 52.3608, 52.9274



85.8170, 94.3548, 94.0423



48.1377, 52.4071, 55.1569



10.4101, 11.4848, 11.3671



12.8984, 25.4782, 4.2380



0.5895, 1.1174, 0.1846

Inverse Universe

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



48.8725, 49.5149, 58.0232



87.7748, 88.2982, 104.8868



48.6848, 49.4694, 55.6997



10.6663, 10.6921, 12.7864



18.0080, 8.5439, 34.2566



0.8073, 0.3842, 1.4815

Previews

White Background



This preview shows how the XYZ color 47.9511, 52.3586, 52.9263 looks on a white background.

Color Contrast Check

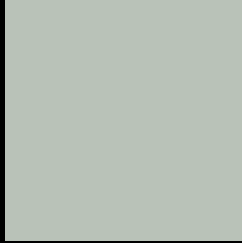
Large Text (above 18pt) WCAG AA × Fail

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 47.9511, 52.3586, 52.9263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

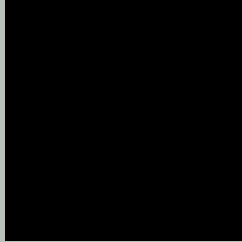
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

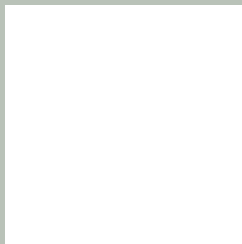
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.9511, 52.3586, 52.9263

Background



This preview shows how black text looks on a background with the XYZ color 47.9511, 52.3586, 52.9263.



This preview shows how white text looks on a background with the XYZ color 47.9511, 52.3586,

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

47.9511, 52.3586, 52.9263

Protanopia

49.8829, 52.0746, 51.6783

Deuteranopia

53.3633, 52.2401, 53.7252



Tritanopia

50.5104, 52.4092, 65.8463

Trichromacy



Original Color

47.9511, 52.3586, 52.9263

Protanomaly

49.1704, 52.0180, 52.2487

Deuteranomaly

51.0973, 52.0258, 53.2478

Tritanomaly

49.5362, 52.3413, 60.9181

Monochromacy



Original Color

47.9511, 52.3586, 52.9263

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.4469, 51.5838, 54.9802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9511, 52.3586, 52.9263 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(185, 194, 184)` looks like.

```
.text, #text, p{  
    color:rgb(185, 194, 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(185, 194, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 194, 184) }
```

Border

The CSS property to change the border of an element to XYZ 47.9511, 52.3586, 52.9263 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(185, 194, 184) }
```


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

```
.border{ border-color:rgb(185, 194, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 194, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 194, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 194, 184);  
box-shadow:4px 4px 4px 4px rgb(185, 194,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9511, 52.3586, 52.9263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 194, 184) }
```

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

```
.background{ background-color: rgb(185,  
194, 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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