

Converting Colors

XYZ(44.3047, 48.7912, 52.6357)

Have a look what the booklet for
XYZ(44.3047, 48.7912, 52.6357)
contains.

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Color

**XYZ(44.3049, 48.8546,
52.4422)**

Conversions

Conversions Part 1

Format	Color
Hex	AEBDB8
RGB	174, 189, 184
RGB Percent	68%, 74%, 72%
CMY	0.3176, 0.2588, 0.2784
CMYK	0.08, 0.00, 0.03, 0.26
HSL	160°, 10%, 71%
HSV	160°, 8%, 74%
XYZ	44.3049, 48.8546, 52.4422
YIQ	183.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

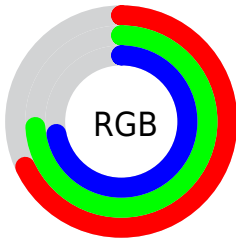
Format	Color
RYB	174, 183, 189
Decimal	11451832
CIELab	75.36, -6.12, 0.75
CIELCh	75, 6.161, 173.046
Yxy	48.8546, 0.3043, 0.3355
Android (android.graphics.Color)	4289641912 (0xFFFAEBDB8)
YUV	183.9450, 0.0271, -8.7218
Hunter-Lab	69.8961, -9.1726, 4.4427

Details

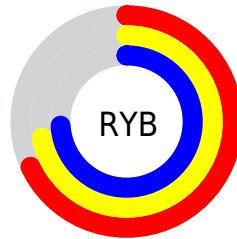
The XYZ color **44.3049, 48.8546, 52.4422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.2608, 44.3468, 48.8771**, and the grayscale version is **45.5335, 47.9048, 52.1683**.

A 20% lighter version of the original color is **81.0137, 88.4191, 95.2348**, and **20.9269, 23.3846, 24.8834** is the 20% darker color. If you saturate the color by 10%, you get **39.7412, 46.5779, 48.8570**, and if you desaturate by 10%, it is **49.4934, 51.4527, 56.2124**.

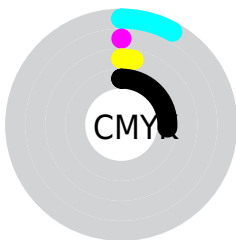
Distribution



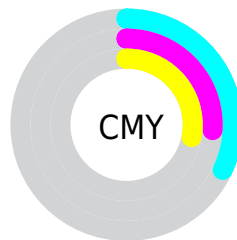
- Red (68%)
- Green (74%)
- Blue (72%)



- Red (68%)
- Yellow (72%)
- Blue (74%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)



- Cyan (32%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3049, 48.8546, 52.4422 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 44.3049, 48.8546, 52.4422 by changing the saturation by 10% instead.

■ 44.3049, 48.8546,
52.4422

■ 44.3049, 48.8546,
52.4422

354.7823,
382.1696, 413.1468

■ 31.1092, 34.5042,
36.9730

■ 80.9199, 88.4755,
95.2163

■ 20.8343, 23.2812,
24.8910

105.0698,
114.5147, 123.3582

■ 13.1147, 14.8013,
15.7776

133.6020,
145.2189, 156.5615

■ 7.5851, 8.6800,
9.2142

166.8816,
180.9726, 195.2447

■ 3.8802, 4.5331,
4.7825

205.2741,
222.1601, 239.8262

■ 1.6346, 1.9760,
2.0637

249.1448,

■ 0.4148, 0.5935,

269.1659, 290.7248

0.5940

298.8591,
322.3742, 348.3588

■ 0.0000, 0.0000,
0.0000

■ 44.3049, 48.8546,
52.4422

■ 44.3049, 48.8546,
52.4422

■ 39.7412, 46.5779,
48.8570

■ 49.4934, 51.4527,
56.2124

■ 35.7730, 44.6035,
45.4503

■ 55.3260, 54.3780,
60.1673

■ 32.3751, 42.9198,
42.2200

■ 61.8263, 57.6441,
64.3111

■ 29.5187, 41.5120,
39.1627

■ 69.0157, 61.2618,
68.6464

■ 27.1723, 40.3639,
36.2748

■ 71.7705, 62.5899,
72.9355

■ 25.3012, 39.4576,
33.5525

■ 72.5989, 62.9212,
77.2974

■ 23.8661, 38.7730,
30.9918

■ 73.4588, 63.2652,
81.8257

■ 22.8211, 38.2864,
28.5884

■ 74.3506, 63.6219,
86.5220

■ 22.0962, 37.9618,
26.3365

■ 75.2747, 63.9915,
91.3881

Harmonies

Analogous

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



44.7149, 48.8546, 49.5296



44.3049, 48.8546, 52.4422



44.4581, 48.8546, 55.6753

Triad

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



44.3049, 48.8546, 52.4422



47.2932, 48.8546, 59.1470



47.7574, 48.8546, 48.3609

Complementary

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



44.3049, 48.8546, 52.4422



44.2608, 44.3468, 48.8771

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.



48.4693, 48.8546, 50.7882



44.3049, 48.8546, 52.4422



48.1983, 48.8546, 57.0356

Square

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



44.3049, 48.8546, 52.4422



46.1715, 48.8546, 59.6337



48.6320, 48.8546, 53.9537



46.6992, 48.8546, 47.2361

Rectangle

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



44.3049, 48.8546, 52.4422



44.8603, 48.8546, 57.5695



48.6320, 48.8546, 53.9537



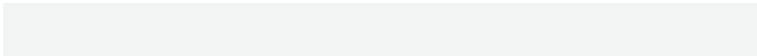
48.0458, 48.8546, 49.0467

Sweetspot

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



44.3063, 48.8567, 52.4433



84.6975, 90.1735, 97.8678



44.4875, 49.0670, 47.1712



18.2349, 19.4020, 21.0613



90.7827, 95.5105, 104.0109



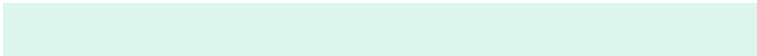
18.6292, 19.5994, 21.3438

Same Dimension

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



44.3063, 48.8567, 52.4433



77.4371, 86.5427, 92.4659



44.3598, 48.1095, 55.0947



9.6696, 10.7540, 11.5098



14.8133, 25.5156, 17.6113



0.6094, 1.0111, 0.8435

Inverse Universe

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



44.2608, 44.3468, 48.8771



77.3345, 76.3594, 84.4138



44.2022, 45.0249, 46.4061



9.6579, 9.5874, 10.5874



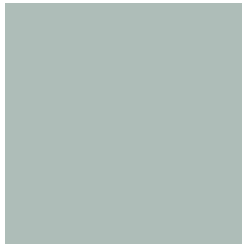
14.7564, 7.5337, 4.0110



0.6090, 0.3075, 0.3203

Previews

White Background



This preview shows how the XYZ color 44.3049, 48.8546, 52.4422 looks on a white background.

Color Contrast Check

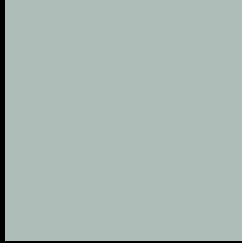
Large Text (above 18pt) WCAG AA × Fail

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 44.3049, 48.8546, 52.4422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

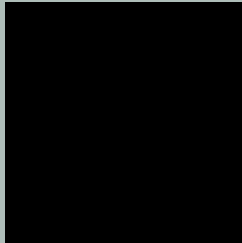
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3049, 48.8546, 52.4422

Background



This preview shows how black text looks on a background with the XYZ color 44.3049, 48.8546, 52.4422.



This preview shows how white text looks on a background with the XYZ color 44.3049, 48.8546,

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

44.3049, 48.8546, 52.4422

Protanopia

46.9247, 48.9813, 50.6972

Deuteranopia

49.6116, 48.4819, 53.1975



Tritanopia

46.2330, 48.6820, 62.2182

Trichromacy



Original Color

44.3049, 48.8546, 52.4422

Protanomaly

45.7696, 48.6856, 51.2409

Deuteranomaly

47.4287, 48.5762, 52.7753

Tritanomaly

45.5251, 48.7109, 58.6325

Monochromacy



Original Color

44.3049, 48.8546, 52.4422

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.0330, 48.2818, 52.2932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3049, 48.8546, 52.4422 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(174, 189, 184) looks like.

```
.text, #text, p{  
    color:rgb(174, 189, 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(174, 189, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 189, 184) }
```

Border

The CSS property to change the border of an element to XYZ 44.3049, 48.8546, 52.4422 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(174, 189, 184) }
```


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

```
.border{ border-color:rgb(174, 189, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 189, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 189, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 189, 184);  
box-shadow:4px 4px 4px 4px rgb(174, 189,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3049, 48.8546, 52.4422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 189, 184) }
```

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

```
.background{ background-color: rgb(174,  
189, 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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