

Converting Colors

XYZ(53.8422, 52.4063, 43.3540)

Have a look what the booklet for
XYZ(53.8422, 52.4063, 43.3540)
contains.

XYZ(53.8422, 52.4063, 43.3540)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.8422, 52.4063,
43.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB8A6
RGB	221, 184, 166
RGB Percent	87%, 72%, 65%
CMY	0.1333, 0.2784, 0.3490
CMYK	0.00, 0.17, 0.25, 0.13
HSL	20°, 45%, 76%
HSV	20°, 25%, 87%
XYZ	53.8422, 52.4063, 43.3540
YIQ	193.0110, 27.8300, 2.2460

Conversions

Conversions Part 2

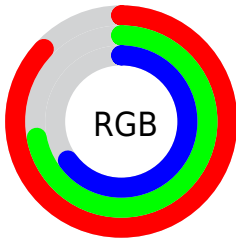
Format	Color
RYB	221, 193, 166
Decimal	14530726
CIELab	77.52, 10.59, 14.11
CIELCh	78, 17.645, 53.099
Yxy	52.4063, 0.3599, 0.3503
Android (android.graphics.Color)	4292720806 (0xFFDDB8A6)
YUV	193.0110, -13.3164, 24.5464
Hunter-Lab	72.3922, 6.0743, 15.1671

Details

The XYZ color **53.8422, 52.4063, 43.3540** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **50.1324, 56.0377, 76.5809**, and the grayscale version is **50.7605, 53.4040, 58.1570**.

A 20% lighter version of the original color is **85.4512, 88.8006, 81.0431**, and **26.6706, 25.4468, 19.4256** is the 20% darker color. If you saturate the color by 10%, you get **49.0594, 45.8109, 32.6027**, and if you desaturate by 10%, it is **59.3007, 59.7949, 56.0504**.

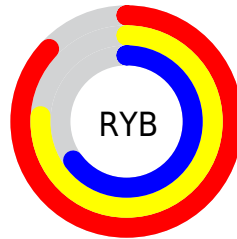
Distribution



Red (87%)

Green (72%)

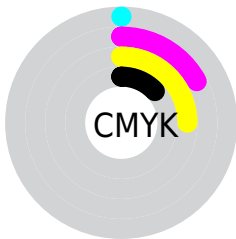
Blue (65%)



Red (87%)

Yellow (76%)

Blue (65%)

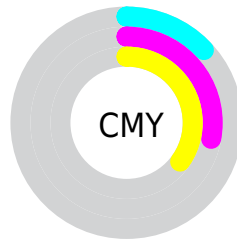


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (13%)



Cyan (13%)


Magenta (28%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8422, 52.4063, 43.3540 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 53.8422, 52.4063, 43.3540 by changing the saturation by 10% instead.


 53.8422, 52.4063,
43.3540


 53.8422, 52.4063,
43.3540


391.7162,
396.0032, 376.0295

 38.7057, 37.3290,
29.8295


 95.0008, 93.7302,
81.5369

 26.7105, 25.4623,
19.4583


 121.7535,
120.7456, 107.0323

 17.4914, 16.4219,
11.8217


153.1091,
152.5091, 137.3552

 10.6829, 9.8232,
6.5013

189.4328,
189.4052, 172.9240

 5.9198, 5.2819,
3.0786

231.0900,
231.8183, 214.1573

 2.8366, 2.4136,
1.1349

278.4460,

 1.0679, 0.8329,

280.1327, 261.4736

0.0000

331.8663,
334.7329, 315.2915

■ 0.0000, 0.0000,
0.0000

■ 53.8422, 52.4063,
43.3540

■ 53.8422, 52.4063,
43.3540

■ 49.0594, 45.8109,
32.6027

■ 59.3007, 59.7949,
56.0504

■ 44.9204, 39.9744,
23.6961

■ 65.4568, 67.9953,
70.7789

■ 41.3967, 34.8704,
16.5298

■ 72.3366, 77.0342,
87.6252

■ 38.4557, 30.4685,
10.9872

■ 79.9634, 86.9351,
106.6690

■ 36.0618, 26.7354,
6.9375

■ 83.6289, 94.1122,
108.3655

■ 34.1744, 23.6350,
4.2293

■ 32.7458, 21.1266,
2.6778

■ 32.1587, 20.0517,
2.1754

Harmonies

Analogous

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



56.0727, 52.4063, 50.0233



53.8422, 52.4063, 43.3540



50.6007, 52.4063, 40.4115

Triad

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



53.8422, 52.4063, 43.3540



43.5951, 52.4063, 54.8401



52.4211, 52.4063, 76.0853

Complementary

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



53.8422, 52.4063, 43.3540



50.1324, 56.0377, 76.5809

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.



49.0288, 52.4063, 77.7523



53.8422, 52.4063, 43.3540



44.0330, 52.4063, 64.7309

Square

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



53.8422, 52.4063, 43.3540



44.7609, 52.4063, 46.5365



45.9855, 52.4063, 73.3909



55.2265, 52.4063, 69.0647

Rectangle

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



53.8422, 52.4063, 43.3540



48.3429, 52.4063, 40.6916



45.9855, 52.4063, 73.3909



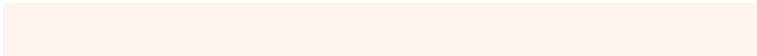
51.3078, 52.4063, 77.3208

Sweetspot

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



53.8436, 52.4087, 43.3551



88.5966, 91.4804, 93.2236



54.3046, 46.9848, 63.0723



18.8492, 19.4291, 19.6790



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.



53.8436, 52.4087, 43.3551



70.8105, 67.4631, 51.6727



59.9757, 64.6728, 45.3991



13.4024, 13.7442, 13.6721



18.7736, 11.8328, 1.2945



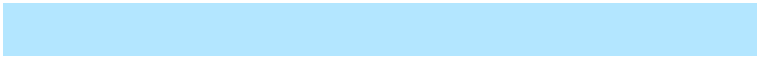
1.2934, 0.9209, 0.1096

Inverse Universe

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



50.1324, 56.0377, 76.5809



64.8100, 73.3142, 105.3429



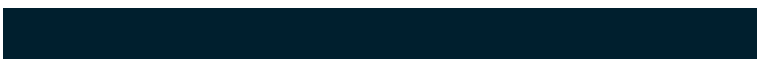
44.3193, 44.4114, 74.6432



13.0670, 14.0737, 16.6799



13.9007, 15.6707, 42.0305



0.9779, 1.1699, 2.7487

Previews

White Background



This preview shows how the XYZ color 53.8422, 52.4063, 43.3540 looks on a white background.

Color Contrast Check

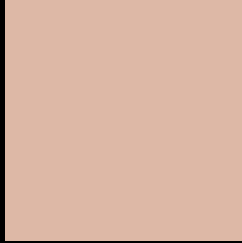
Large Text (above 18pt) WCAG AA × Fail

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 53.8422, 52.4063, 43.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

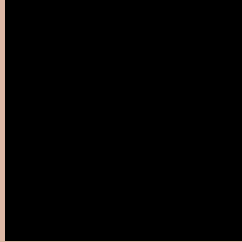
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8422, 52.4063, 43.3540

Background



This preview shows how black text looks on a background with the XYZ color 53.8422, 52.4063, 43.3540.



This preview shows how white text looks on a background with the XYZ color 53.8422, 52.4063,

43.3540.

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

53.8422, 52.4063, 43.3540

Protanopia

49.7059, 52.4432, 45.5330

Deuteranopia

53.7471, 52.6667, 43.4093



Tritanopia

56.7993, 52.3849, 58.1566

Trichromacy



Original Color

53.8422, 52.4063, 43.3540

Protanomaly

51.1571, 52.2409, 44.9234

Deuteranomaly

53.7471, 52.6667, 43.4093

Tritanomaly

55.6070, 52.1964, 52.4915

Monochromacy



Original Color

53.8422, 52.4063, 43.3540

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.5893, 52.9423, 52.2996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8422, 52.4063, 43.3540 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(221, 184, 166)` looks like.

```
.text, #text, p{  
    color:rgb(221, 184, 166)  
}
```

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(221, 184, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 184, 166) }
```

Border

The CSS property to change the border of an element to XYZ 53.8422, 52.4063, 43.3540 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(221, 184, 166) }
```


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

```
.border{ border-color:rgb(221, 184, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 184, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 184, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 184, 166); box-shadow:4px 4px 4px 4px rgb(221, 184, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8422, 52.4063, 43.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 184, 166) }
```

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

```
.background{ background-color: rgb(221,  
184, 166) }
```

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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