

Converting Colors

XYZ(43.9321, 52.2413, 62.5128)

Have a look what the booklet for
XYZ(43.9321, 52.2413, 62.5128)
contains.

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Color

**XYZ(43.8421, 52.0580,
62.3811)**

Conversions

Conversions Part 1

Format	Color
Hex	97C8C8
RGB	151, 200, 200
RGB Percent	59%, 78%, 78%
CMY	0.4078, 0.2157, 0.2157
CMYK	0.25, 0.00, 0.00, 0.22
HSL	180°, 31%, 69%
HSV	180°, 25%, 78%
XYZ	43.8421, 52.0580, 62.3811
YIQ	185.3490, -29.2040, -10.3880

Conversions

Conversions Part 2

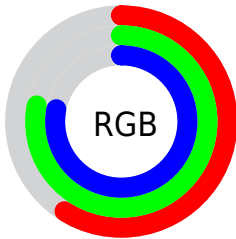
Format	Color
RYB	151, 176, 200
Decimal	9947336
CIELab	77.32, -15.90, -5.22
CIElCh	77, 16.731, 198.182
Yxy	52.0580, 0.2770, 0.3289
Android (android.graphics.Color)	4288137416 (0xFF97C8C8)
YUV	185.3490, 7.2229, -30.1241
Hunter-Lab	72.1512, -17.8006, -0.7556

Details

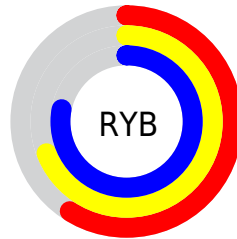
The XYZ color **43.8421, 52.0580, 62.3811** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4738, 36.6484, 34.2208**, and the grayscale version is **46.2823, 48.6926, 53.0262**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **20.5042, 25.2298, 30.9833** is the 20% darker color. If you saturate the color by 10%, you get **40.4409, 50.3060, 62.2224**, and if you desaturate by 10%, it is **47.8760, 54.1389, 62.5716**.

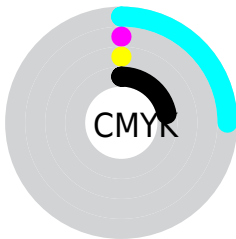
Distribution



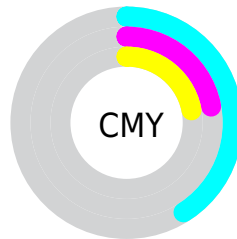
- Red (59%)
- Green (78%)
- Blue (78%)



- Red (59%)
- Yellow (69%)
- Blue (78%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (41%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8421, 52.0580, 62.3811 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 43.8421, 52.0580, 62.3811 by changing the saturation by 10% instead.

■ 43.8421, 52.0580,
62.3811

■ 43.8421, 52.0580,
62.3811

352.9266,
394.6605, 451.3658

■ 30.7438, 37.0513,
44.9029

■ 80.2279, 93.2168,
109.8531

■ 20.5547, 25.2472,
31.0386

■ 104.2461,
120.1376, 140.6840

■ 12.9095, 16.2613,
20.3695

132.6350,
151.7987, 176.8028

■ 7.4428, 9.7093,
12.4772

165.7598,
188.5843, 218.6282

■ 3.7893, 5.2066,
6.9431

203.9861,
230.8789, 266.5787

■ 1.5836, 2.3690,
3.3486

247.6791,

■ 0.3817, 0.8099,

279.0669, 321.0727

1.2753

297.2041,
333.5326, 382.5289

■ 0.0000, 0.0000,
0.0414

■ 0.0000, 0.0000,
0.0000

■ 43.8421, 52.0580,
62.3811

■ 43.8421, 52.0580,
62.3811

■ 40.4409, 50.3060,
62.2224

■ 47.8760, 54.1389,
62.5716

■ 37.6362, 48.8601,
62.0905

■ 52.5676, 56.5574,
62.7918

■ 35.3948, 47.7046,
61.9850

■ 57.9460, 59.3301,
63.0441

■ 33.6788, 46.8200,
61.9041

■ 64.0374, 62.4703,
63.3298

■ 32.4454, 46.1842,
61.8458

■ 70.8665, 65.9908,
63.6500

■ 31.6451, 45.7716,
61.8077

■ 72.3214, 66.7409,
63.7187

■ 31.2179, 45.5514,
61.7871

■ 72.3215, 66.7409,
63.7193

■ 31.0798, 45.4802,
61.7803

■ 72.3216, 66.7410,
63.7200

■ 72.3218, 66.7410,
63.7206

Harmonies

Analogous

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



43.6786, 52.0580, 53.1372



43.8421, 52.0580, 62.3811



45.4757, 52.0580, 70.9089

Triad

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



43.8421, 52.0580, 62.3811



54.2254, 52.0580, 69.3095



50.7550, 52.0580, 41.0758

Complementary

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



43.8421, 52.0580, 62.3811



40.4738, 36.6484, 34.2208

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.



53.7118, 52.0580, 44.4985



43.8421, 52.0580, 62.3811



55.7726, 52.0580, 60.3817

Square

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



43.8421, 52.0580, 62.3811



51.4313, 52.0580, 75.1973



55.5807, 52.0580, 51.3416



47.5778, 52.0580, 41.4870

Rectangle

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



43.8421, 52.0580, 62.3811



47.2200, 52.0580, 74.7349



55.5807, 52.0580, 51.3416



51.8101, 52.0580, 41.7995

Sweetspot

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



43.8436, 52.0601, 62.3823



88.7850, 96.7703, 108.6060



39.1563, 50.2028, 36.9055



18.8940, 20.6563, 23.2410



0.0000, 0.0000, 0.0000



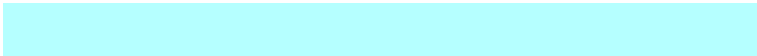
20.3446, 21.4041, 23.3091

Same Dimension

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



43.8436, 52.0601, 62.3823



72.8772, 88.5696, 107.8592



38.7768, 41.9261, 60.6948



10.9467, 12.0676, 13.6697



19.7608, 28.9167, 39.2805



0.9357, 1.3692, 1.8600

Inverse Universe

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



40.4738, 36.6484, 34.2208



66.1200, 57.6665, 51.3908



44.6756, 45.0524, 35.6205



10.6339, 10.6370, 11.0555



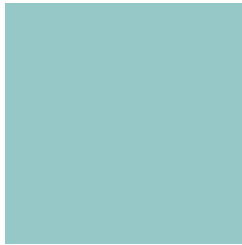
15.1453, 7.8077, 0.7090



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 43.8421, 52.0580, 62.3811 looks on a white background.

Color Contrast Check

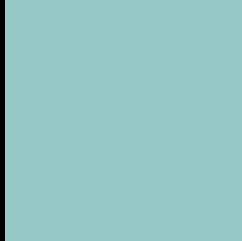
Large Text (above 18pt) WCAG AA × Fail

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 43.8421, 52.0580, 62.3811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

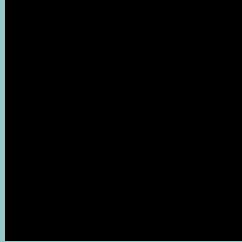
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8421, 52.0580, 62.3811

Background



This preview shows how black text looks on a background with the XYZ color 43.8421, 52.0580, 62.3811.

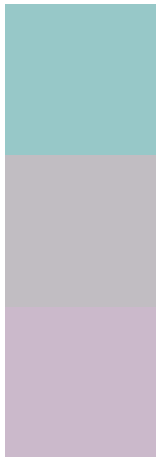


This preview shows how white text looks on a background with the XYZ color 43.8421, 52.0580,

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

43.8421, 52.0580, 62.3811

Protanopia

49.9275, 51.6277, 58.3726

Deuteranopia

52.7571, 51.7062, 63.6996



Tritanopia

45.6581, 52.1132, 71.2707

Trichromacy



Original Color

43.8421, 52.0580, 62.3811

Protanomaly

47.3939, 51.5904, 59.6846

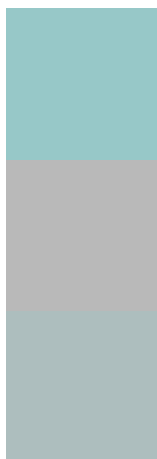
Deuteranomaly

48.8413, 51.2815, 63.2012

Tritanomaly

45.0689, 52.2226, 68.0262

Monochromacy



Original Color

43.8421, 52.0580, 62.3811

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.9413, 49.4289, 55.8873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8421, 52.0580, 62.3811 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(151, 200, 200)` looks like.

```
.text, #text, p{  
    color:rgb(151, 200, 200)  
}
```

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(151, 200, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 200, 200) }
```

Border

The CSS property to change the border of an element to XYZ 43.8421, 52.0580, 62.3811 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(151, 200, 200) }
```


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

```
.border{ border-color:rgb(151, 200, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 200, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 200, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 200, 200);  
box-shadow:4px 4px 4px 4px rgb(151, 200,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8421, 52.0580, 62.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 200, 200) }
```

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

```
.background{ background-color: rgb(151,  
200, 200) }
```

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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