

Converting Colors

XYZ(52.3935, 63.0370, 63.4388)

Have a look what the booklet for
XYZ(52.3935, 63.0370, 63.4388)
contains.

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Color

**XYZ(52.3935, 63.0370,
63.4388)**

Conversions

Conversions Part 1

Format	Color
Hex	ACDAC7
RGB	172, 218, 199
RGB Percent	67%, 85%, 78%
CMY	0.3255, 0.1451, 0.2196
CMYK	0.21, 0.00, 0.09, 0.15
HSL	155°, 38%, 76%
HSV	155°, 21%, 85%
XYZ	52.3935, 63.0370, 63.4388
YIQ	202.0800, -21.3170, -15.6610

Conversions

Conversions Part 2

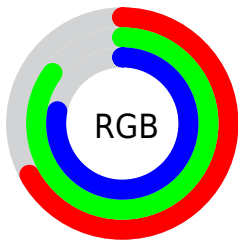
Format	Color
RYB	172, 201, 218
Decimal	11328199
CIELab	83.46, -18.75, 4.44
CIELCh	83, 19.266, 166.667
Yxy	63.0370, 0.2929, 0.3524
Android (android.graphics.Color)	4289518279 (0xFFACDAC7)
YUV	202.0800, -1.5184, -26.3802
Hunter-Lab	79.3958, -21.1502, 8.2032

Details

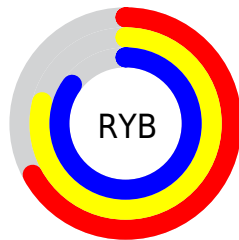
The XYZ color **52.3935, 63.0370, 63.4388** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.0722, 48.1737, 55.7942**, and the grayscale version is **56.2091, 59.1363, 64.3995**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **25.8158, 32.1607, 31.6351** is the 20% darker color. If you saturate the color by 10%, you get **46.9812, 60.3659, 57.8887**, and if you desaturate by 10%, it is **58.6561, 66.1428, 69.3544**.

Distribution



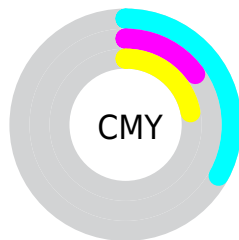
- Red (67%)
- Green (85%)
- Blue (78%)



- Red (67%)
- Yellow (79%)
- Blue (85%)



- Cyan (21%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (33%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3935, 63.0370, 63.4388 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 52.3935, 63.0370, 63.4388 by changing the saturation by 10% instead.

■ 52.3935, 63.0370,
63.4388

■ 52.3935, 63.0370,
63.4388

386.2529,
435.7038, 455.3119

■ 37.5444, 45.8711,
45.7530

■ 92.8821, 109.2229,
111.3940

■ 25.8048, 32.1441,
31.7037

119.2523,
139.0117, 142.5005

■ 16.8096, 21.4716,
20.8723

150.1935,
173.7770, 178.9176

■ 10.1933, 13.4692,
12.8404

186.0711,
213.9031, 221.0640

■ 5.5906, 7.7524,
7.1893

227.2506,
259.7744, 269.3580

■ 2.6360, 3.9369,
3.5005

274.0971,

■ 0.9644, 1.6383,

311.7754, 324.2183

1.3555

326.9761,
370.2904, 386.0635

■ 0.0000, 0.3832,
0.1067

■ 0.0000, 0.0000,
0.0000

■ 52.3935, 63.0370,
63.4388

■ 52.3935, 63.0370,
63.4388

■ 46.9812, 60.3659,
57.8887

■ 58.6561, 66.1428,
69.3544

■ 42.3747, 58.1013,
52.6925

■ 65.8003, 69.6941,
75.6384

■ 38.5331, 56.2242,
47.8439

■ 73.8624, 73.7111,
82.2990

■ 35.4099, 54.7107,
43.3350

■ 81.3113, 77.4046,
89.2698

■ 32.9531, 53.5342,
39.1572

■ 82.6460, 77.9385,
96.2984

■ 31.1035, 52.6641,
35.3016

■ 84.0476, 78.4992,
103.6789

■ 29.7904, 52.0642,
31.7585

■ 84.3626, 78.6251,
105.3375

■ 28.9656, 51.7024,
28.8580

Harmonies

Analogous

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



54.2292, 63.0370, 53.9538



52.3935, 63.0370, 63.4388



52.5048, 63.0370, 75.4878

Triad

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



52.3935, 63.0370, 63.4388



62.2616, 63.0370, 93.2694



65.6307, 63.0370, 53.1471

Complementary

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



52.3935, 63.0370, 63.4388



53.0722, 48.1737, 55.7942

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.



67.9910, 63.0370, 62.2130



52.3935, 63.0370, 63.4388



65.9845, 63.0370, 85.7672

Square

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



52.3935, 63.0370, 63.4388



58.0713, 63.0370, 93.6975



68.1235, 63.0370, 74.1108



61.7969, 63.0370, 48.4974

Rectangle

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



52.3935, 63.0370, 63.4388



53.6663, 63.0370, 83.3990



68.1235, 63.0370, 74.1108



66.6304, 63.0370, 55.7279

Sweetspot

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



52.3953, 63.0396, 63.4402



88.6424, 96.8124, 103.3757



54.0477, 64.2222, 48.5782



18.8299, 20.6507, 22.0005



0.0000, 0.0000, 0.0000



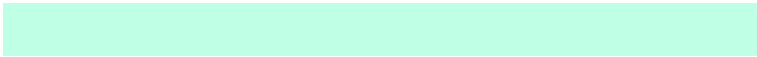
20.3446, 21.4041, 23.3091

Same Dimension

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



52.3953, 63.0396, 63.4402



71.4050, 88.2673, 87.1584



53.7590, 62.0128, 75.4690



13.2055, 14.7338, 15.5450



17.4074, 30.9956, 17.5764



1.1702, 2.0250, 1.3624

Inverse Universe

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



53.0722, 48.1737, 55.7942



72.5259, 63.6709, 74.5118



51.8545, 48.8710, 45.7307



13.2780, 13.1403, 14.7250



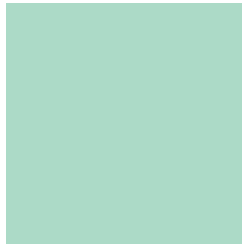
18.4798, 9.3930, 6.9065



1.2394, 0.6254, 0.6697

Previews

White Background



This preview shows how the XYZ color 52.3935, 63.0370, 63.4388 looks on a white background.

Color Contrast Check

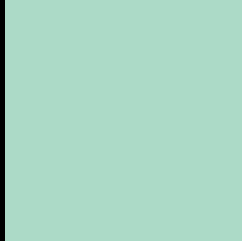
Large Text (above 18pt) WCAG AA × Fail

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 52.3935, 63.0370, 63.4388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

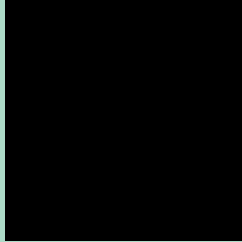
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3935, 63.0370, 63.4388

Background



This preview shows how black text looks on a background with the XYZ color 52.3935, 63.0370, 63.4388.



This preview shows how white text looks on a background with the XYZ color 52.3935, 63.0370,

63.4388.

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

52.3935, 63.0370, 63.4388

Protanopia

59.9628, 62.9230, 59.4370

Deuteranopia

63.9792, 62.7431, 65.2385



Tritanopia

56.4373, 62.7666, 84.0035

Trichromacy



Original Color

52.3935, 63.0370, 63.4388

Protanomaly

56.6978, 62.6708, 60.7381

Deuteranomaly

58.9859, 62.2998, 64.7933

Tritanomaly

54.9911, 62.9455, 76.2692

Monochromacy



Original Color

52.3935, 63.0370, 63.4388

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.5843, 60.4052, 64.0408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3935, 63.0370, 63.4388 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(172, 218, 199)` looks like.

```
.text, #text, p{  
    color:rgb(172, 218, 199)  
}
```

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(172, 218, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 218, 199) }
```

Border

The CSS property to change the border of an element to XYZ 52.3935, 63.0370, 63.4388 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(172, 218, 199) }
```


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

```
.border{ border-color:rgb(172, 218, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 218, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 218, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 218, 199); box-shadow:4px 4px 4px 4px rgb(172, 218, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3935, 63.0370, 63.4388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 218, 199) }
```

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

```
.background{ background-color: rgb(172,  
218, 199) }
```

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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