

Converting Colors

XYZ(38.4338, 43.6341, 52.2955)

Have a look what the booklet for
XYZ(38.4338, 43.6341, 52.2955)
contains.

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Color

**XYZ(38.4338, 43.6341,
52.2955)**

Conversions

Conversions Part 1

Format	Color
Hex	98B6B9
RGB	152, 182, 185
RGB Percent	60%, 71%, 73%
CMY	0.4039, 0.2863, 0.2745
CMYK	0.18, 0.02, 0.00, 0.27
HSL	185°, 19%, 66%
HSV	185°, 18%, 73%
XYZ	38.4338, 43.6341, 52.2955
YIQ	173.3720, -18.8430, -5.4270

Conversions

Conversions Part 2

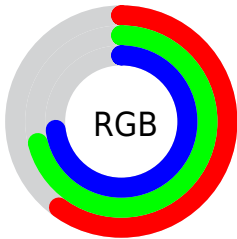
Format	Color
R_YB	152, 168, 185
Decimal	10008249
CIE Lab	71.98, -9.50, -4.93
CIE LCh	72, 10.703, 207.433
Yxy	43.6341, 0.2860, 0.3247
Android (android.graphics.Color)	4288198329 (0xFF98B6B9)
YUV	173.3720, 5.7326, -18.7432
Hunter-Lab	66.0561, -11.7405, -0.6996

Details

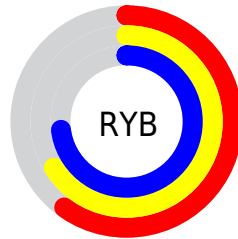
The XYZ color **38.4338, 43.6341, 52.2955** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.3968, 36.0239, 34.6888**, and the grayscale version is **39.8899, 41.9673, 45.7024**.

A 20% lighter version of the original color is **72.1838, 80.7653, 95.0039**, and **17.2706, 20.0758, 24.7945** is the 20% darker color. If you saturate the color by 10%, you get **34.8960, 41.3036, 52.0328**, and if you desaturate by 10%, it is **42.5184, 46.2549, 52.5868**.

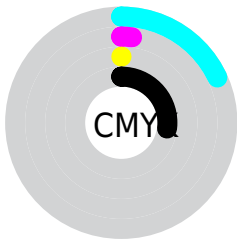
Distribution



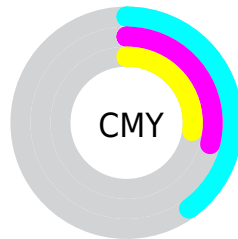
- Red (60%)
- Green (71%)
- Blue (73%)



- Red (60%)
- Yellow (66%)
- Blue (73%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (40%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4338, 43.6341, 52.2955 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 38.4338, 43.6341, 52.2955 by changing the saturation by 10% instead.

■ 38.4338, 43.6341,
52.2955

■ 38.4338, 43.6341,
52.2955

330.7260,
361.2130, 412.5657

■ 26.4983, 30.3830,
36.8568

■ 72.0722, 80.6669,
94.9979

■ 17.3314, 20.1294,
24.8017

■ 94.5057, 105.2173,
123.0987

■ 10.5678, 12.4892,
15.7117

121.1694,
134.3029, 156.2573

■ 5.8422, 7.0777,
9.1682

152.4284,
168.3081, 194.8922

■ 2.7891, 3.5108,
4.7528

188.6483,
207.6174, 239.4219

■ 1.0432, 1.4038,
2.0468

230.1942,

■ 0.0000, 0.2196,

252.6150, 290.2651

0.5838

277.4317,
303.6854, 347.8401

■ 0.0000, 0.0000,
0.0000

■ 38.4338, 43.6341,
52.2955

■ 38.4338, 43.6341,
52.2955

■ 34.8960, 41.3036,
52.0328

■ 42.5184, 46.2549,
52.5868

■ 31.8762, 39.2451,
51.7947

■ 47.1692, 49.1726,
52.9048

■ 29.3487, 37.4464,
51.5807

■ 52.4097, 52.4005,
53.2517

■ 27.2841, 35.8925,
51.3896

■ 58.2605, 55.9492,
53.6283

■ 25.6498, 34.5665,
51.2198

■ 64.7414, 59.8289,
54.0356

■ 24.4092, 33.4494,
51.0695

■ 68.8657, 62.5000,
54.3338

■ 23.5191, 32.5191,
50.9369

■ 69.2370, 63.2427,
54.4575

■ 22.9135, 31.7414,
50.8187

■ 69.6125, 63.9937,
54.5827

■ 22.7962, 31.5810,
50.7939

■ 69.9923, 64.7533,
54.7093

Harmonies

Analogous

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



38.0630, 43.6341, 47.0612



38.4338, 43.6341, 52.2955



39.6114, 43.6341, 56.4992

Triad

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



38.4338, 43.6341, 52.2955



44.5031, 43.6341, 53.1314



41.6303, 43.6341, 38.1553

Complementary

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



38.4338, 43.6341, 52.2955



37.3968, 36.0239, 34.6888

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.



43.3919, 43.6341, 39.5289



38.4338, 43.6341, 52.2955



45.0806, 43.6341, 47.9619

Square

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



38.4338, 43.6341, 52.2955



43.1118, 43.6341, 57.0062



44.6681, 43.6341, 43.0259



39.8761, 43.6341, 39.1319

Rectangle

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



38.4338, 43.6341, 52.2955



40.7136, 43.6341, 58.0170



44.6681, 43.6341, 43.0259



42.2416, 43.6341, 38.3551

Sweetspot

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



38.4351, 43.6359, 52.2965



78.3410, 84.2265, 94.3329



36.1940, 43.7323, 37.4347



16.7676, 18.0811, 20.3279



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.4351, 43.6359, 52.2965



66.5050, 76.6286, 93.4902



35.2974, 37.3606, 51.2506



9.1951, 10.0674, 11.5380



15.5498, 21.5592, 34.5949



0.5687, 0.8010, 1.2264

Inverse Universe

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



39.6803, 36.1491, 49.1442



69.1231, 61.0299, 86.8309



40.2860, 41.8024, 35.6519



9.3448, 9.1483, 11.1631



18.4625, 8.9588, 26.1200



0.6612, 0.3200, 0.9753

Previews

White Background



This preview shows how the XYZ color 38.4338, 43.6341, 52.2955 looks on a white background.

Color Contrast Check

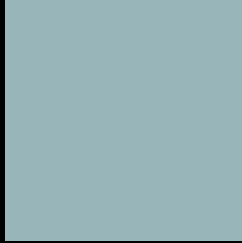
Large Text (above 18pt) WCAG AA × Fail

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 38.4338, 43.6341, 52.2955 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

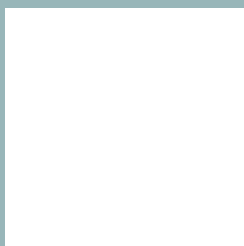
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.4338, 43.6341, 52.2955

Background



This preview shows how black text looks on a background with the XYZ color 38.4338, 43.6341, 52.2955.



This preview shows how white text looks on a background with the XYZ color 38.4338, 43.6341,

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

38.4338, 43.6341, 52.2955

Protanopia

42.0306, 43.4611, 49.8896

Deuteranopia

44.2716, 43.4050, 53.0584



Tritanopia

39.4980, 43.4527, 57.9352

Trichromacy



Original Color

38.4338, 43.6341, 52.2955

Protanomaly

40.7261, 43.6532, 50.5354

Deuteranomaly

41.8721, 43.3191, 52.6089

Tritanomaly

39.0647, 43.5816, 55.6434

Monochromacy



Original Color

38.4338, 43.6341, 52.2955

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.9782, 42.2243, 47.6907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4338, 43.6341, 52.2955 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(152, 182, 185)` looks like.

```
.text, #text, p{  
    color:rgb(152, 182, 185)  
}
```

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(152, 182, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 182, 185) }
```

Border

The CSS property to change the border of an element to XYZ 38.4338, 43.6341, 52.2955 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(152, 182, 185) }
```


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

```
.border{ border-color:rgb(152, 182, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 182, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 182, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 182, 185);  
box-shadow:4px 4px 4px 4px rgb(152, 182,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4338, 43.6341, 52.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 182, 185) }
```

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

```
.background{ background-color: rgb(152,  
182, 185) }
```

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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