

Converting Colors

XYZ(38.3150, 43.0682, 52.6091)

Have a look what the booklet for
XYZ(38.3150, 43.0682, 52.6091)
contains.

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Color

**XYZ(38.3211, 42.9600,
52.7267)**

Conversions

Conversions Part 1

Format	Color
Hex	99B4BA
RGB	153, 180, 186
RGB Percent	60%, 71%, 73%
CMY	0.4000, 0.2941, 0.2706
CMYK	0.18, 0.03, 0.00, 0.27
HSL	191°, 19%, 66%
HSV	191°, 18%, 73%
XYZ	38.3211, 42.9600, 52.7267
YIQ	172.6110, -18.0180, -3.8580

Conversions

Conversions Part 2

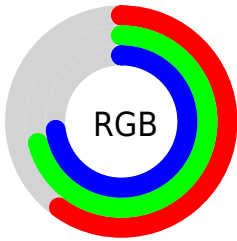
Format	Color
R _Y B	153, 168, 186
Decimal	10073274
CIE Lab	71.53, -7.90, -6.15
CIE LCh	72, 10.007, 217.887
Yxy	42.9600, 0.2860, 0.3206
Android (android.graphics.Color)	4288263354 (0xFF99B4BA)
YUV	172.6110, 6.6008, -17.1988
Hunter-Lab	65.5439, -10.3394, -1.8151

Details

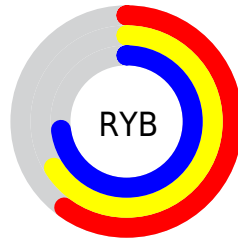
The XYZ color **38.3211, 42.9600, 52.7267** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.3980, 37.5354, 35.3592**, and the grayscale version is **39.4976, 41.5546, 45.2529**.

A 20% lighter version of the original color is **72.0349, 79.8116, 95.6129**, and **17.1898, 19.6389, 25.0750** is the 20% darker color. If you saturate the color by 10%, you get **34.4066, 39.9423, 52.3512**, and if you desaturate by 10%, it is **42.8020, 46.2967, 53.1353**.

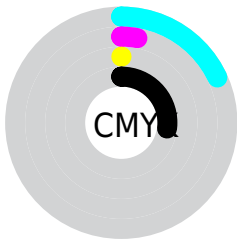
Distribution



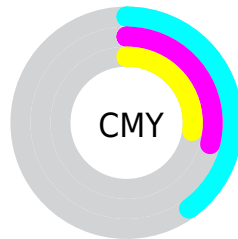
- Red (60%)
- Green (71%)
- Blue (73%)



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



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3211, 42.9600, 52.7267 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 38.3211, 42.9600, 52.7267 by changing the saturation by 10% instead.

■ 38.3211, 42.9600,
52.7267

■ 38.3211, 42.9600,
52.7267

330.2525,
358.4472, 414.2722

■ 26.4103, 29.8537,
37.1984

■ 71.9008, 79.6505,
95.6396

■ 17.2652, 19.7276,
25.0642

■ 94.3004, 104.0035,
123.8612

■ 10.5202, 12.1972,
15.9054

120.9270,
132.8742, 157.1511

■ 5.8101, 6.8781,
9.3036

152.1460,
166.6471, 195.9276

■ 2.7695, 3.3860,
4.8402

188.3226,
205.7064, 240.6095

■ 1.0331, 1.3364,
2.0967

229.8224,

■ 0.0000, 0.1691,

250.4366, 291.6152

0.6138

277.0106,
301.2221, 349.3633

■ 0.0000, 0.0000,
0.0000

■ 38.3211, 42.9600,
52.7267

■ 38.3211, 42.9600,
52.7267

■ 34.4066, 39.9423,
52.3512

■ 42.8020, 46.2967,
53.1353

■ 31.0294, 37.2250,
52.0047

■ 47.8693, 49.9594,
53.5752

■ 28.1633, 34.7955,
51.6869

■ 53.5467, 53.9616,
54.0484

■ 25.7784, 32.6384,
51.3962

■ 59.8552, 58.3145,
54.5561

■ 23.8418, 30.7363,
51.1311

■ 66.8150, 63.0285,
55.0992

■ 22.3160, 29.0698,
50.8899

■ 70.8238, 66.2467,
55.5091

■ 21.1575, 27.6163,
50.6704

■ 71.6169, 67.8329,
55.7735

■ 20.3003, 26.3416,
50.4695

■ 72.4274, 69.4540,
56.0436

■ 20.1232, 26.0654,
50.4255

■ 73.2555, 71.1101,
56.3197

Harmonies

Analogous

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



37.6975, 42.9600, 48.0647



38.3211, 42.9600, 52.7267



39.6212, 42.9600, 55.9378

Triad

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



38.3211, 42.9600, 52.7267



43.9170, 42.9600, 50.3673



40.3879, 42.9600, 38.1507

Complementary

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



38.3211, 42.9600, 52.7267



38.3980, 37.5354, 35.3592

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.



42.0676, 42.9600, 38.6738



38.3211, 42.9600, 52.7267



44.1360, 42.9600, 45.5108

Square

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



38.3211, 42.9600, 52.7267



42.8603, 42.9600, 54.5115



43.4507, 42.9600, 41.2910



38.8691, 42.9600, 39.8095

Rectangle

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



38.3211, 42.9600, 52.7267



40.7125, 42.9600, 56.7054



43.4507, 42.9600, 41.2910



40.9521, 42.9600, 38.0794

Sweetspot

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



38.3224, 42.9618, 52.7277



79.9163, 85.6204, 96.5158



36.9113, 44.3768, 39.1949



17.4606, 18.7543, 21.2422



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.



38.3224, 42.9618, 52.7277



66.7856, 75.8314, 95.3183



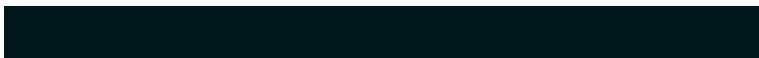
35.2761, 36.8693, 51.7123



9.1241, 9.9255, 11.5144



13.5882, 17.6361, 33.9410



0.5156, 0.6950, 1.2087

Inverse Universe

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



39.8802, 36.5179, 48.1288



70.1256, 62.2314, 85.4097



41.3302, 43.3998, 36.3366



9.3090, 9.1340, 10.9746



17.4724, 8.5627, 20.9061



0.6344, 0.3093, 0.8343

Previews

White Background



This preview shows how the XYZ color 38.3211, 42.9600, 52.7267 looks on a white background.

Color Contrast Check

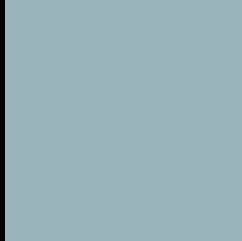
Large Text (above 18pt) WCAG AA × Fail

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 38.3211, 42.9600, 52.7267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

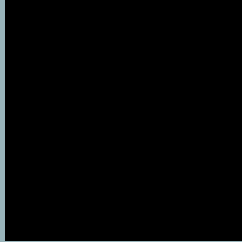
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

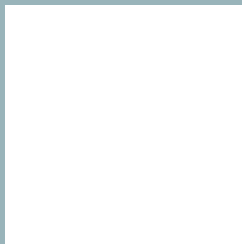
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3211, 42.9600, 52.7267

Background



This preview shows how black text looks on a background with the XYZ color 38.3211, 42.9600, 52.7267.



This preview shows how white text looks on a background with the XYZ color 38.3211, 42.9600,

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

38.3211, 42.9600, 52.7267

Protanopia

41.4840, 42.8796, 50.3461

Deuteranopia

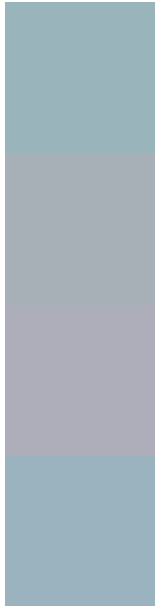
43.7015, 42.8194, 53.5386



Tritanopia

39.0722, 42.9605, 56.6850

Trichromacy



Original Color

38.3211, 42.9600, 52.7267

Protanomaly

40.2210, 42.7944, 50.9400

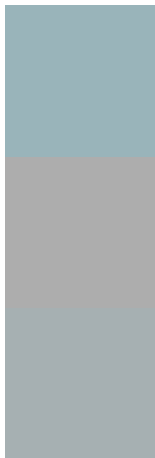
Deuteranomaly

41.5613, 42.8586, 53.0957

Tritanomaly

38.7408, 42.8279, 54.9400

Monochromacy



Original Color

38.3211, 42.9600, 52.7267

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.2871, 42.3720, 48.2274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3211, 42.9600, 52.7267 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(153, 180, 186)` looks like.

```
.text, #text, p{  
    color:rgb(153, 180, 186)  
}
```

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(153, 180, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 180, 186) }
```

Border

The CSS property to change the border of an element to XYZ 38.3211, 42.9600, 52.7267 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(153, 180, 186) }
```


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

```
.border{ border-color:rgb(153, 180, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 180, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 180, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 180, 186);  
box-shadow:4px 4px 4px 4px rgb(153, 180,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3211, 42.9600, 52.7267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 180, 186) }
```

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

```
.background{ background-color: rgb(153,  
180, 186) }
```

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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