

Converting Colors

XYZ(38.7775, 39.0756, 52.3270)

Have a look what the booklet for
XYZ(38.7775, 39.0756, 52.3270)
contains.

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Color

**XYZ(38.9680, 39.2953,
52.5446)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A6BB
RGB	169, 166, 187
RGB Percent	66%, 65%, 73%
CMY	0.3372, 0.3490, 0.2667
CMYK	0.10, 0.11, 0.00, 0.27
HSL	249°, 13%, 69%
HSV	249°, 11%, 73%
XYZ	38.9680, 39.2953, 52.5446
YIQ	169.2910, -4.9530, 7.1670

Conversions

Conversions Part 2

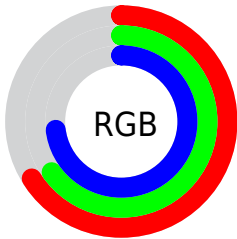
Format	Color
R _Y B	169, 166, 187
Decimal	11118267
CIE Lab	68.96, 5.22, -10.38
CIE LCh	69, 11.621, 296.676
Yxy	39.2953, 0.2979, 0.3004
Android (android.graphics.Color)	4289308347 (0xFFA9A6BB)
YUV	169.2910, 8.7305, -0.2552
Hunter-Lab	62.6860, 1.2620, -5.8179

Details

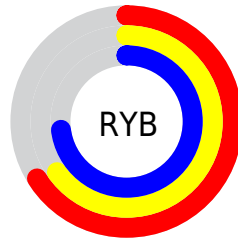
The XYZ color **38.9680, 39.2953, 52.5446** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.4219, 48.4852, 43.0956**, and the grayscale version is **37.8169, 39.7864, 43.3274**.

A 20% lighter version of the original color is **72.7746, 74.0313, 95.2478**, and **17.6565, 17.5378, 25.0088** is the 20% darker color. If you saturate the color by 10%, you get **32.5821, 31.3194, 51.3423**, and if you desaturate by 10%, it is **46.2722, 48.4804, 53.9331**.

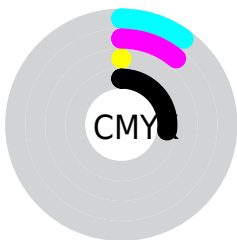
Distribution



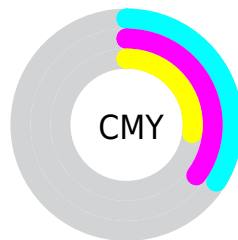
- Red (66%)
- Green (65%)
- Blue (73%)



- Red (66%)
- Yellow (65%)
- Blue (73%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (27%)



- Cyan (34%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9680, 39.2953, 52.5446 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 38.9680, 39.2953, 52.5446 by changing the saturation by 10% instead.

■ 38.9680, 39.2953,
52.5446

■ 38.9680, 39.2953,
52.5446

332.9639,
343.1443, 413.5521

■ 26.9154, 26.9895,
37.0541

■ 72.8838, 74.0892,
95.3687

■ 17.6460, 17.5654,
24.9533

■ 95.4778, 97.3462,
123.5393

■ 10.7943, 10.6384,
15.8235

122.3163,
125.0223, 156.7738

■ 5.9949, 5.8242,
9.2464

153.7646,
157.5020, 195.4906

■ 2.8826, 2.7385,
4.8032

190.1882,
195.1696, 240.1083

■ 1.0920, 0.9968,
2.0756

231.9524,

■ 0.0184, 0.0000,

238.4096, 291.0454

0.6012

279.4225,
287.6064, 348.7205

■ 0.0000, 0.0000,
0.0000

■ 38.9680, 39.2953,
52.5446

■ 38.9680, 39.2953,
52.5446

■ 32.5821, 31.3194,
51.3423

■ 46.2722, 48.4804,
53.9331

■ 27.0746, 24.4975,
50.3158

■ 54.5255, 58.9171,
55.5126

■ 22.4078, 18.7774,
49.4577

■ 63.7617, 70.6519,
57.2909

■ 18.5397, 14.1009,
48.7589

■ 74.0119, 83.7273,
59.2744

■ 15.4251, 10.4043,
48.2095

■ 83.8518, 95.2760,
60.9850

■ 13.0136, 7.6173,
47.7987

■ 85.9698, 96.3679,
61.0841

■ 11.2490, 5.6597,
47.5138

■ 10.0658, 4.4370,
47.3402

■ 9.4137, 3.8168,
47.2548

Harmonies

Analogous

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



37.1432, 39.2953, 53.7774



38.9680, 39.2953, 52.5446



40.3992, 39.2953, 48.6272

Triad

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



38.9680, 39.2953, 52.5446



39.3365, 39.2953, 34.8293



33.9109, 39.2953, 42.1982

Complementary

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



38.9680, 39.2953, 52.5446



44.4219, 48.4852, 43.0956

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.



34.4563, 39.2953, 37.4322



38.9680, 39.2953, 52.5446



37.5555, 39.2953, 33.4045

Square

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



38.9680, 39.2953, 52.5446



40.6169, 39.2953, 38.3755



35.7755, 39.2953, 34.3171



34.2613, 39.2953, 47.5219

Rectangle

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



38.9680, 39.2953, 52.5446



40.9166, 39.2953, 45.1757



35.7755, 39.2953, 34.3171



33.9951, 39.2953, 40.4819

Sweetspot

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



38.9692, 39.2970, 52.5455



80.3666, 83.6688, 96.1153



41.8788, 46.0601, 53.6975



17.4567, 18.1212, 21.1202



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.



38.9692, 39.2970, 52.5455



67.3974, 67.3794, 93.6547



41.2670, 40.4815, 52.6530



9.1398, 9.2890, 11.9834



6.5237, 2.6492, 32.5604



0.2968, 0.1250, 1.2773

Inverse Universe

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



42.7828, 41.2997, 51.0662



75.3344, 71.5483, 90.5395



42.0433, 47.2590, 42.9843



9.8698, 9.6722, 11.7034



18.5309, 9.0435, 23.8870



0.7422, 0.3608, 1.0214

Previews

White Background



This preview shows how the XYZ color 38.9680, 39.2953, 52.5446 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 38.9680, 39.2953, 52.5446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

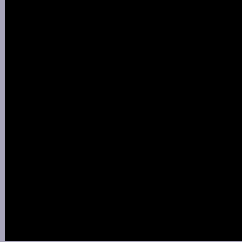
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9680, 39.2953, 52.5446

Background



This preview shows how black text looks on a background with the XYZ color 38.9680, 39.2953, 52.5446.



This preview shows how white text looks on a background with the XYZ color 38.9680, 39.2953,

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

38.9680, 39.2953, 52.5446

Protanopia

38.4129, 39.2676, 53.1318

Deuteranopia

40.1496, 39.3689, 52.4966



Tritanopia

38.2054, 39.2576, 48.7438

Trichromacy



Original Color

38.9680, 39.2953, 52.5446

Protanomaly

38.6217, 39.3753, 53.1416

Deuteranomaly

39.6584, 39.3824, 52.5250

Tritanomaly

38.5144, 39.3812, 50.3711

Monochromacy



Original Color

38.9680, 39.2953, 52.5446

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.2013, 39.5749, 46.6996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9680, 39.2953, 52.5446 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(169, 166, 187)` looks like.

```
.text, #text, p{  
    color:rgb(169, 166, 187)  
}
```

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(169, 166, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 166, 187) }
```

Border

The CSS property to change the border of an element to XYZ 38.9680, 39.2953, 52.5446 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(169, 166, 187) }
```


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

```
.border{ border-color:rgb(169, 166, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 166, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 166, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 166, 187);  
box-shadow:4px 4px 4px 4px rgb(169, 166,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9680, 39.2953, 52.5446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 166, 187) }
```

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

```
.background{ background-color: rgb(169,  
166, 187) }
```

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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