

Converting Colors

XYZ(38.2053, 41.7064, 53.0502)

Have a look what the booklet for
XYZ(38.2053, 41.7064, 53.0502)
contains.

XYZ(38.2053, 41.7064, 53.0502)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.2053, 41.7064,
53.0502)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB0BB
RGB	156, 176, 187
RGB Percent	61%, 69%, 73%
CMY	0.3882, 0.3098, 0.2667
CMYK	0.17, 0.06, 0.00, 0.27
HSL	201°, 19%, 67%
HSV	201°, 17%, 73%
XYZ	38.2053, 41.7064, 53.0502
YIQ	171.2740, -15.4510, -0.8190

Conversions

Conversions Part 2

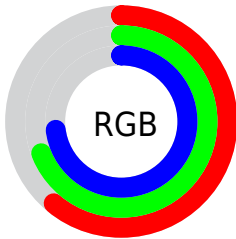
Format	Color
R_{YB}	156, 168, 187
Decimal	10268859
CIE Lab	70.67, -4.56, -7.95
CIE LCh	71, 9.166, 240.133
Yxy	41.7064, 0.2873, 0.3137
Android (android.graphics.Color)	4288458939 (0xFF9CB0BB)
YUV	171.2740, 7.7529, -13.3953
Hunter-Lab	64.5805, -7.4167, -3.4979

Details

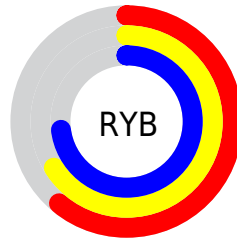
The XYZ color **38.2053, 41.7064, 53.0502** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3134, 40.6027, 37.1658**, and the grayscale version is **38.8152, 40.8366, 44.4710**.

A 20% lighter version of the original color is **71.8982, 78.0332, 96.0665**, and **17.2196, 19.0796, 25.3294** is the 20% darker color. If you saturate the color by 10%, you get **33.5927, 37.4454, 52.4715**, and if you desaturate by 10%, it is **43.4411, 46.3852, 53.6780**.

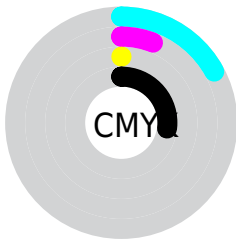
Distribution



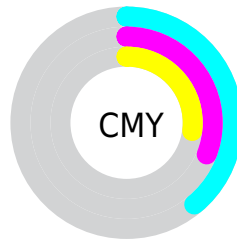
- Red (61%)
- Green (69%)
- Blue (73%)



- Red (61%)
- Yellow (66%)
- Blue (73%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (39%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2053, 41.7064, 53.0502 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 38.2053, 41.7064, 53.0502 by changing the saturation by 10% instead.

■ 38.2053, 41.7064,
53.0502

■ 38.2053, 41.7064,
53.0502

329.7655,
353.2644, 415.5494

■ 26.3200, 28.8715,
37.4548

■ 71.7246, 77.7551,
96.1205

■ 17.1971, 18.9836,
25.2613

■ 94.0893, 101.7376,
124.4326

■ 10.4713, 11.6584,
16.0511

120.6778,
130.2048, 157.8206

■ 5.7772, 6.5115,
9.4055

151.8555,
163.5410, 196.7032

■ 2.7495, 3.1586,
4.9062

187.9878,
202.1307, 241.4988

■ 1.0227, 1.2151,
2.1346

229.4400,

■ 0.0000, 0.0740,

246.3583, 292.6260

0.6362

276.5774,
296.6080, 350.5034

■ 0.0000, 0.0000,
0.0000

■ 38.2053, 41.7064,
53.0502

■ 38.2053, 41.7064,
53.0502

■ 33.5927, 37.4454,
52.4715

■ 43.4411, 46.3852,
53.6780

■ 29.5732, 33.5821,
51.9377

■ 49.3210, 51.4907,
54.3536

■ 26.1198, 30.1024,
51.4480

■ 55.8695, 57.0379,
55.0791

■ 23.2018, 26.9890,
51.0009

■ 63.1087, 63.0393,
55.8560

■ 20.7853, 24.2229,
50.5944

■ 71.0596, 69.5070,
56.6853

■ 18.8320, 21.7831,
50.2264

■ 74.7168, 73.8620,
57.3331

■ 17.2979, 19.6453,
49.8946

■ 76.4490, 77.3264,
57.9106

■ 16.1241, 17.7776,
49.5960

■ 78.2506, 80.9296,
58.5111

■ 15.7657, 17.1798,
49.4994

■ 80.1224, 84.6732,
59.1350

Harmonies

Analogous

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



37.1703, 41.7064, 49.7368



38.2053, 41.7064, 53.0502



39.6475, 41.7064, 54.2908

Triad

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



38.2053, 41.7064, 53.0502



42.6307, 41.7064, 45.3918



38.1938, 41.7064, 38.5605

Complementary

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



38.2053, 41.7064, 53.0502



40.3134, 40.6027, 37.1658

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.



39.6339, 41.7064, 37.5567



38.2053, 41.7064, 53.0502



42.2182, 41.7064, 41.3439

Square

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



38.2053, 41.7064, 53.0502



42.2252, 41.7064, 49.7011



41.1116, 41.7064, 38.5431



37.1638, 41.7064, 41.3755

Rectangle

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



38.2053, 41.7064, 53.0502



40.6535, 41.7064, 53.7177



41.1116, 41.7064, 38.5431



38.6448, 41.7064, 38.0084

Sweetspot

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



38.2065, 41.7081, 53.0511



79.3027, 84.3932, 96.3112



38.4427, 45.3938, 43.2232



17.3071, 18.4473, 21.1911



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.



38.2065, 41.7081, 53.0511



65.2032, 71.7523, 94.6144



35.3646, 36.0243, 52.1038



9.5160, 10.2244, 12.1442



10.9326, 11.9769, 34.1285



0.4877, 0.5882, 1.3567

Inverse Universe

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



40.2195, 37.4773, 46.1902



69.5501, 62.8557, 79.7447



43.2947, 46.5653, 38.1596



9.7823, 9.6372, 11.2427



16.5190, 8.2388, 13.2927



0.6771, 0.3347, 0.6789

Previews

White Background



This preview shows how the XYZ color 38.2053, 41.7064, 53.0502 looks on a white background.

Color Contrast Check

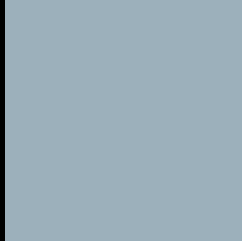
Large Text (above 18pt) WCAG AA × Fail

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 38.2053, 41.7064, 53.0502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

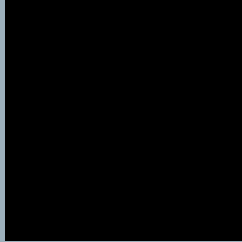
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

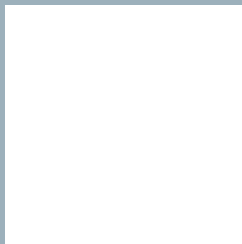
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.2053, 41.7064, 53.0502

Background



This preview shows how black text looks on a background with the XYZ color 38.2053, 41.7064, 53.0502.

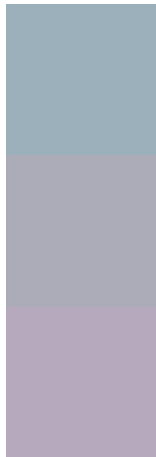


This preview shows how white text looks on a background with the XYZ color 38.2053, 41.7064,

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

38.2053, 41.7064, 53.0502

Protanopia

40.4175, 41.7364, 51.2731

Deuteranopia

42.4793, 41.6245, 53.9395



Tritanopia

38.5299, 41.8363, 54.7597

Trichromacy



Original Color

38.2053, 41.7064, 53.0502

Protanomaly

39.4264, 41.4969, 51.8307

Deuteranomaly

40.8736, 41.6409, 53.4602

Tritanomaly

38.4209, 41.7927, 54.1859

Monochromacy



Original Color

38.2053, 41.7064, 53.0502

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.6053, 41.1685, 47.5066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2053, 41.7064, 53.0502 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(156, 176, 187)` looks like.

```
.text, #text, p{  
    color:rgb(156, 176, 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(156, 176, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 176, 187) }
```

Border

The CSS property to change the border of an element to XYZ 38.2053, 41.7064, 53.0502 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(156, 176, 187) }
```


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

```
.border{ border-color:rgb(156, 176, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 176, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 176, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 176, 187);  
box-shadow:4px 4px 4px 4px rgb(156, 176,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2053, 41.7064, 53.0502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 176, 187) }
```

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

```
.background{ background-color: rgb(156,  
176, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor