

Converting Colors

XYZ(40.0982, 44.1522, 53.9858)

Have a look what the booklet for
XYZ(40.0982, 44.1522, 53.9858)
contains.

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Color

**XYZ(40.0982, 44.1522,
53.9858)**

Conversions

Conversions Part 1

Format	Color
Hex	A0B5BC
RGB	160, 181, 188
RGB Percent	63%, 71%, 74%
CMY	0.3725, 0.2902, 0.2627
CMYK	0.15, 0.04, 0.00, 0.26
HSL	195°, 17%, 68%
HSV	195°, 15%, 74%
XYZ	40.0982, 44.1522, 53.9858
YIQ	175.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

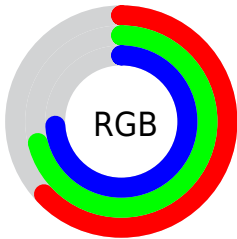
Format	Color
RYB	160, 172, 188
Decimal	10532284
CIELab	72.33, -5.73, -6.00
CIElCh	72, 8.300, 226.319
Yxy	44.1522, 0.2901, 0.3194
Android (android.graphics.Color)	4288722364 (0xFFA0B5BC)
YUV	175.5190, 6.1531, -13.6102
Hunter-Lab	66.4471, -8.5648, -1.6579

Details

The XYZ color **40.0982, 44.1522, 53.9858** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.9032, 40.8668, 38.9908**, and the grayscale version is **40.9922, 43.1270, 46.9653**.

A 20% lighter version of the original color is **74.6377, 81.5471, 97.3943**, and **18.2767, 20.3758, 25.8913** is the 20% darker color. If you saturate the color by 10%, you get **35.6814, 40.4820, 53.5109**, and if you desaturate by 10%, it is **45.1181, 48.1835, 54.5000**.

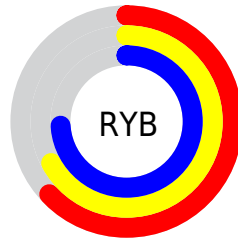
Distribution



Red (63%)

Green (71%)

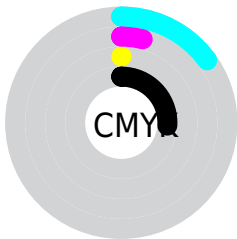
Blue (74%)



Red (63%)

Yellow (67%)

Blue (74%)

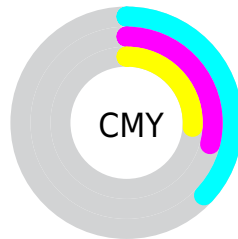


Cyan (15%)

Magenta (4%)

Yellow (0%)

Black (26%)



Cyan (37%)

Magenta (29%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0982, 44.1522, 53.9858 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 40.0982, 44.1522, 53.9858 by changing the saturation by 10% instead.

■ 40.0982, 44.1522,
53.9858

■ 40.0982, 44.1522,
53.9858

337.6646,
363.3290, 419.2289

■ 27.7997, 30.7902,
38.1972

■ 74.5964, 81.4467,
97.5096

■ 18.3144, 20.4391,
25.8328

■ 97.5268, 106.1480,
126.0819

■ 11.2770, 12.7147,
16.4739

124.7319,
135.3978, 159.7525

■ 6.3221, 7.2323,
9.7022

156.5770,
169.5806, 198.9399

■ 3.0844, 3.6078,
5.0989

193.4274,
209.0807, 244.0627

■ 1.1986, 1.4567,
2.2457

235.6486,

■ 0.1052, 0.2580,

254.2826, 295.5395

0.7005

283.6059,
305.5705, 353.7887

■ 0.0000, 0.0000,
0.0000

■ 40.0982, 44.1522,
53.9858

■ 40.0982, 44.1522,
53.9858

■ 35.6814, 40.4820,
53.5109

■ 45.1181, 48.1835,
54.5000

■ 31.8382, 37.1536,
53.0710

■ 50.7615, 52.5834,
55.0519

■ 28.5421, 34.1543,
52.6658

■ 57.0524, 57.3657,
55.6434

■ 25.7630, 31.4679,
52.2937

■ 64.0124, 62.5422,
56.2757

■ 23.4679, 29.0769,
51.9532

■ 71.6620, 68.1239,
56.9499

■ 21.6196, 26.9617,
51.6423

■ 73.1653, 70.5870,
57.3461

■ 20.1752, 25.0996,
51.3590

■ 74.3365, 72.9295,
57.7365

■ 19.0827, 23.4634,
51.1008

■ 75.5420, 75.3405,
58.1384

■ 18.6048, 22.6860,
50.9759

■ 76.7821, 77.8207,
58.5517

Harmonies

Analogous

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



39.3860, 44.1522, 50.3169



40.0982, 44.1522, 53.9858



41.3195, 44.1522, 56.1231

Triad

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



40.0982, 44.1522, 53.9858



44.6890, 44.1522, 49.9574



41.1989, 44.1522, 40.9183

Complementary

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



40.0982, 44.1522, 53.9858



40.9032, 40.8668, 38.9908

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.



42.6178, 44.1522, 40.8342



40.0982, 44.1522, 53.9858



44.6549, 44.1522, 45.8993

Square

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



40.0982, 44.1522, 53.9858



43.9817, 44.1522, 53.7098



43.8896, 44.1522, 42.6108



40.0116, 44.1522, 42.8473

Rectangle

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



40.0982, 44.1522, 53.9858



42.2681, 44.1522, 56.3177



43.8896, 44.1522, 42.6108



41.6640, 44.1522, 40.6772

Sweetspot

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



40.0995, 44.1540, 53.9868



82.5718, 87.9584, 98.8519



39.4132, 46.2136, 43.1771



17.5991, 18.7906, 21.2419



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.



40.0995, 44.1540, 53.9868



69.8299, 77.6863, 97.5407



37.4795, 38.9140, 53.1135



9.6012, 10.3947, 12.1725



12.7282, 15.5682, 34.7270



0.5475, 0.7078, 1.3766

Inverse Universe

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



41.6514, 39.1701, 49.0835



73.2324, 66.9552, 86.7462



43.5141, 46.0885, 39.8611



9.8253, 9.6544, 11.4690



17.4254, 8.6013, 18.0656



0.7073, 0.3468, 0.8378

Previews

White Background



This preview shows how the XYZ color 40.0982, 44.1522, 53.9858 looks on a white background.

Color Contrast Check

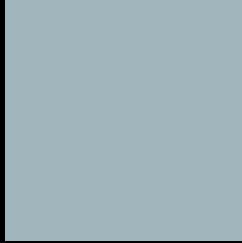
Large Text (above 18pt) WCAG AA × Fail

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 40.0982, 44.1522, 53.9858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

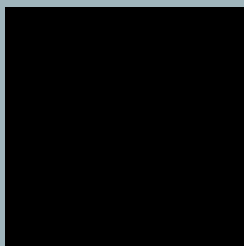
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

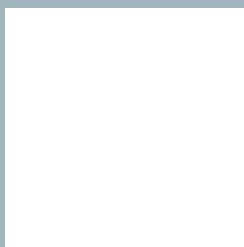
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.0982, 44.1522, 53.9858

Background



This preview shows how black text looks on a background with the XYZ color 40.0982, 44.1522, 53.9858.



This preview shows how white text looks on a background with the XYZ color 40.0982, 44.1522,

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

40.0982, 44.1522, 53.9858

Protanopia

42.6424, 44.0184, 52.1479

Deuteranopia

44.7858, 43.9141, 54.8310



Tritanopia

40.7568, 44.1146, 57.4058

Trichromacy



Original Color

40.0982, 44.1522, 53.9858

Protanomaly

41.5779, 44.0439, 52.7643

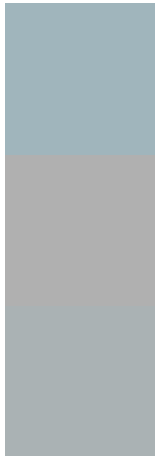
Deuteranomaly

42.8754, 43.7990, 54.3384

Tritanomaly

40.5336, 44.0254, 56.2306

Monochromacy



Original Color

40.0982, 44.1522, 53.9858

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.7362, 43.6821, 49.4645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0982, 44.1522, 53.9858 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(160, 181, 188)` looks like.

```
.text, #text, p{  
    color:rgb(160, 181, 188)  
}
```

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(160, 181, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 181, 188) }
```

Border

The CSS property to change the border of an element to XYZ 40.0982, 44.1522, 53.9858 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(160, 181, 188) }
```


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

```
.border{ border-color:rgb(160, 181, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 181, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 181, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 181, 188);  
box-shadow:4px 4px 4px 4px rgb(160, 181,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0982, 44.1522, 53.9858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 181, 188) }
```

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

```
.background{ background-color: rgb(160,  
181, 188) }
```

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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