

Converting Colors

XYZ(38.8455, 42.8704, 50.5872)

Have a look what the booklet for
XYZ(38.8455, 42.8704, 50.5872)
contains.

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Color

**XYZ(38.8617, 42.9885,
50.5054)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB3B6
RGB	159, 179, 182
RGB Percent	62%, 70%, 71%
CMY	0.3765, 0.2980, 0.2863
CMYK	0.13, 0.02, 0.00, 0.29
HSL	188°, 14%, 67%
HSV	188°, 13%, 71%
XYZ	38.8617, 42.9885, 50.5054
YIQ	173.3620, -12.8830, -3.3070

Conversions

Conversions Part 2

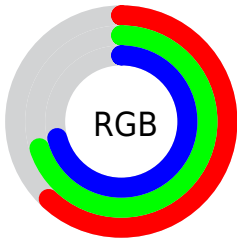
Format	Color
RYB	159, 170, 182
Decimal	10466230
CIELab	71.55, -6.25, -3.88
CIElCh	72, 7.356, 211.788
Yxy	42.9885, 0.2936, 0.3248
Android (android.graphics.Color)	4288656310 (0xFF9FB3B6)
YUV	173.3620, 4.2585, -12.5955
Hunter-Lab	65.5656, -8.9403, 0.2247

Details

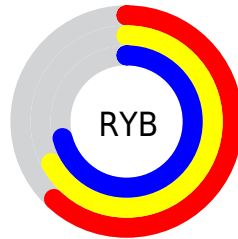
The XYZ color **38.8617, 42.9885, 50.5054** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4701, 38.2890, 38.1647**, and the grayscale version is **39.8899, 41.9673, 45.7024**.

A 20% lighter version of the original color is **72.8725, 79.8858, 92.4676**, and **17.4867, 19.6325, 23.6367** is the 20% darker color. If you saturate the color by 10%, you get **35.0440, 40.3218, 50.1926**, and if you desaturate by 10%, it is **43.2216, 45.9491, 50.8477**.

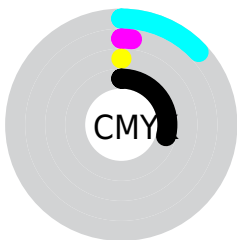
Distribution



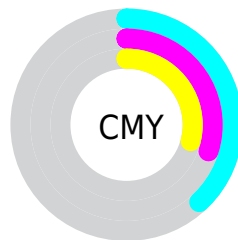
- Red (62%)
- Green (70%)
- Blue (71%)



- Red (62%)
- Yellow (67%)
- Blue (71%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (38%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8617, 42.9885, 50.5054 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 38.8617, 42.9885, 50.5054 by changing the saturation by 10% instead.

■ 38.8617, 42.9885,
50.5054

■ 38.8617, 42.9885,
50.5054

332.5194,
358.5645, 405.4306

■ 26.8324, 29.8761,
35.4411

■ 72.7224, 79.6935,
92.3273

■ 17.5833, 19.7446,
23.7166

■ 95.2845, 104.0549,
119.9219

■ 10.7491, 12.2095,
14.9133

122.0883,
132.9347, 152.5305

■ 5.9644, 6.8865,
8.6126

153.4991,
166.7174, 190.5715

■ 2.8639, 3.3912,
4.3960

189.8823,
205.7873, 234.4635

■ 1.0822, 1.3392,
1.8450

231.6031,

■ 0.0102, 0.1713,

250.5289, 284.6250

0.4574

279.0271,
301.3265, 341.4745

■ 0.0000, 0.0000,
0.0000

■ 38.8617, 42.9885,
50.5054

■ 38.8617, 42.9885,
50.5054

■ 35.0440, 40.3218,
50.1926

■ 43.2216, 45.9491,
50.8477

■ 31.7414, 37.9316,
49.9053

■ 48.1415, 49.2095,
51.2178

■ 28.9304, 35.8069,
49.6433

■ 53.6434, 52.7822,
51.6174

■ 26.5840, 33.9336,
49.4054

■ 59.7468, 56.6772,
52.0475

■ 24.6726, 32.2965,
49.1902

■ 66.4701, 60.9043,
52.5090

■ 23.1632, 30.8784,
48.9960

■ 68.8058, 62.8819,
52.7677

■ 22.0178, 29.6598,
48.8212

■ 69.3353, 63.9408,
52.9441

■ 21.1911, 28.6172,
48.6635

■ 69.8732, 65.0166,
53.1234

■ 20.7185, 27.9271,
48.5552

■ 70.4196, 66.1094,
53.3056

Harmonies

Analogous

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



38.5172, 42.9885, 47.0210



38.8617, 42.9885, 50.5054



39.7401, 42.9885, 53.1002

Triad

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



38.8617, 42.9885, 50.5054



43.0013, 42.9885, 50.1173



40.7848, 42.9885, 40.2950

Complementary

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



38.8617, 42.9885, 50.5054



38.4701, 38.2890, 38.1647

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.



41.9993, 42.9885, 41.0321



38.8617, 42.9885, 50.5054



43.2944, 42.9885, 46.5939

Square

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



38.8617, 42.9885, 50.5054



42.1310, 42.9885, 52.8682



42.9242, 42.9885, 43.2940



39.6134, 42.9885, 41.2280

Rectangle

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



38.8617, 42.9885, 50.5054



40.5189, 42.9885, 53.9122



42.9242, 42.9885, 43.2940



41.2015, 42.9885, 40.3555

Sweetspot

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



38.8629, 42.9903, 50.5064



77.1670, 82.5035, 92.0933



37.5203, 43.4250, 40.4402



16.9070, 18.1304, 20.3300



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.



38.8629, 42.9903, 50.5064



68.5524, 76.6238, 91.4125



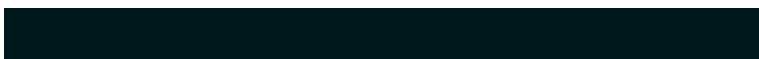
36.7112, 38.6868, 49.7891



9.1642, 10.0055, 11.5277



14.6654, 19.7904, 34.3001



0.5450, 0.7537, 1.2185

Inverse Universe

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



39.8272, 37.9970, 47.8849



70.6353, 65.9289, 85.7298



40.5289, 42.4066, 38.8509



9.3292, 9.1421, 11.0810



18.0161, 8.7802, 23.7692



0.6493, 0.3152, 0.9124

Previews

White Background



This preview shows how the XYZ color 38.8617, 42.9885, 50.5054 looks on a white background.

Color Contrast Check

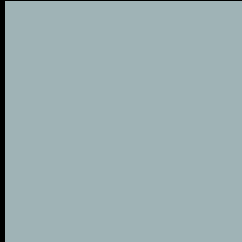
Large Text (above 18pt) WCAG AA × Fail

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 38.8617, 42.9885, 50.5054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

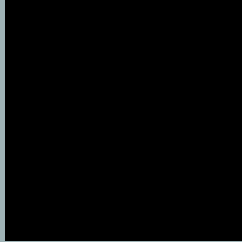
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

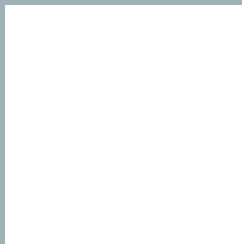
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.8617, 42.9885, 50.5054

Background



This preview shows how black text looks on a background with the XYZ color 38.8617, 42.9885, 50.5054.



This preview shows how white text looks on a background with the XYZ color 38.8617, 42.9885,

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

38.8617, 42.9885, 50.5054

Protanopia

41.4042, 42.8739, 48.7411

Deuteranopia

43.7655, 42.9015, 51.3215



Tritanopia

40.1328, 43.2236, 56.0969

Trichromacy



Original Color

38.8617, 42.9885, 50.5054

Protanomaly

40.3411, 42.8920, 49.3328

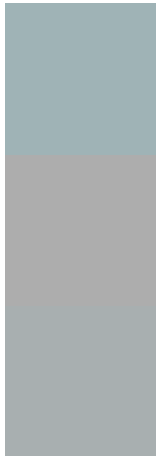
Deuteranomaly

41.6223, 42.6531, 50.8389

Tritanomaly

39.4947, 42.9452, 53.7846

Monochromacy



Original Color

38.8617, 42.9885, 50.5054

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.3149, 42.1194, 47.1320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8617, 42.9885, 50.5054 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(159, 179, 182)` looks like.

```
.text, #text, p{  
    color:rgb(159, 179, 182)  
}
```

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(159, 179, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 179, 182) }
```

Border

The CSS property to change the border of an element to XYZ 38.8617, 42.9885, 50.5054 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(159, 179, 182) }
```


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

```
.border{ border-color:rgb(159, 179, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 179, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 179, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 179, 182); box-shadow:4px 4px 4px 4px rgb(159, 179, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8617, 42.9885, 50.5054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 179, 182) }
```

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

```
.background{ background-color: rgb(159,  
179, 182) }
```

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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