

Converting Colors

XYZ(38.5950, 42.5163, 49.9153)

Have a look what the booklet for
XYZ(38.5950, 42.5163, 49.9153)
contains.

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Color

**XYZ(38.5590, 42.5479,
49.8964)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB2B5
RGB	159, 178, 181
RGB Percent	62%, 70%, 71%
CMY	0.3765, 0.3019, 0.2902
CMYK	0.12, 0.02, 0.00, 0.29
HSL	188°, 13%, 67%
HSV	188°, 12%, 71%
XYZ	38.5590, 42.5479, 49.8964
YIQ	172.6610, -12.2870, -3.0950

Conversions

Conversions Part 2

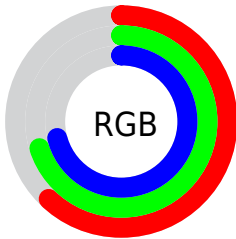
Format	Color
RYB	159, 169, 181
Decimal	10465973
CIELab	71.25, -5.93, -3.77
CIELCh	71, 7.021, 212.452
Yxy	42.5479, 0.2943, 0.3248
Android (android.graphics.Color)	4288656053 (0xFF9FB2B5)
YUV	172.6610, 4.1111, -11.9807
Hunter-Lab	65.2288, -8.6327, 0.3065

Details

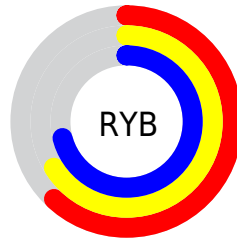
The XYZ color **38.5590, 42.5479, 49.8964** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.2348, 38.1676, 38.1537**, and the grayscale version is **39.5332, 41.5920, 45.2936**.

A 20% lighter version of the original color is **72.4404, 79.2562, 91.6007**, and **17.2933, 19.3515, 23.2458** is the 20% darker color. If you saturate the color by 10%, you get **34.7432, 39.8600, 49.5794**, and if you desaturate by 10%, it is **42.9117, 45.5280, 50.2429**.

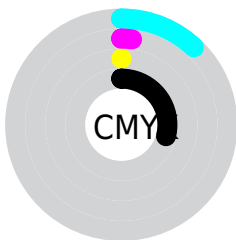
Distribution



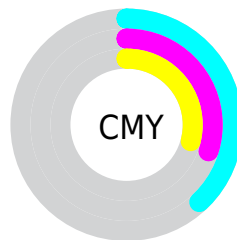
- Red (62%)
- Green (70%)
- Blue (71%)



- Red (62%)
- Yellow (66%)
- Blue (71%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5590, 42.5479, 49.8964 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 38.5590, 42.5479, 49.8964 by changing the saturation by 10% instead.

■ 38.5590, 42.5479,
49.8964

■ 38.5590, 42.5479,
49.8964

331.2514,
356.7492, 402.9841

■ 26.5960, 29.5306,
34.9605

■ 72.2625, 79.0282,
91.4161

■ 17.4051, 19.4825,
23.3491

■ 94.7338, 103.2599,
118.8369

■ 10.6208, 12.0195,
14.6438

121.4385,
131.9985, 151.2565

■ 5.8779, 6.7569,
8.4259

152.7420,
165.6285, 189.0933

■ 2.8109, 3.3106,
4.2770

189.0097,
204.5341, 232.7660

■ 1.0546, 1.2959,
1.7785

230.6070,

■ 0.0000, 0.1381,

249.0998, 282.6930

0.4137

277.8991,
299.7101, 339.2928

■ 0.0000, 0.0000,
0.0000

■ 38.5590, 42.5479,
49.8964

■ 38.5590, 42.5479,
49.8964

■ 34.7432, 39.8600,
49.5794

■ 42.9117, 45.5280,
50.2429

■ 31.4379, 37.4471,
49.2878

■ 47.8189, 48.8060,
50.6169

■ 28.6197, 35.2983,
49.0216

■ 53.3023, 52.3942,
51.0205

■ 26.2623, 33.3999,
48.7794

■ 59.3809, 56.3026,
51.4546

■ 24.3364, 31.7369,
48.5599

■ 66.0730, 60.5407,
51.9199

■ 22.8098, 30.2923,
48.3616

■ 68.6067, 62.6483,
52.1932

■ 21.6452, 29.0472,
48.1826

■ 69.1557, 63.7464,
52.3762

■ 20.7985, 27.9785,
48.0210

■ 69.7139, 64.8628,
52.5622

■ 20.2861, 27.2271,
47.9030

■ 70.2812, 65.9975,
52.7513

Harmonies

Analogous

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



38.2193, 42.5479, 46.6055



38.5590, 42.5479, 49.8964



39.4019, 42.5479, 52.3206

Triad

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



38.5590, 42.5479, 49.8964



42.4823, 42.5479, 49.3930



40.3437, 42.5479, 40.1436

Complementary

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



38.5590, 42.5479, 49.8964



38.2348, 38.1676, 38.1537

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.



41.4972, 42.5479, 40.8104



38.5590, 42.5479, 49.8964



42.7461, 42.5479, 46.0504

Square

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



38.5590, 42.5479, 49.8964



41.6682, 42.5479, 52.0202



42.3822, 42.5479, 42.9328



39.2372, 42.5479, 41.0659

Rectangle

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



38.5590, 42.5479, 49.8964



40.1437, 42.5479, 53.0607



42.3822, 42.5479, 42.9328



40.7388, 42.5479, 40.1893

Sweetspot

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



38.5602, 42.5497, 49.8973



75.2864, 80.4773, 89.8603



37.3384, 43.0257, 40.4891



16.1423, 17.3058, 19.4118



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.5602, 42.5497, 49.8973



66.8424, 74.6586, 89.1822



36.4703, 38.3699, 49.2007



8.6420, 9.4302, 10.8710



14.0218, 18.8440, 33.0352



0.4683, 0.6472, 1.0485

Inverse Universe

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



39.4911, 37.8354, 47.3430



68.9025, 64.3322, 83.5054



40.2456, 42.1894, 38.8239



8.7992, 8.6264, 10.4412



17.3122, 8.4424, 22.6018



0.5584, 0.2711, 0.7832

Previews

White Background



This preview shows how the XYZ color 38.5590, 42.5479, 49.8964 looks on a white background.

Color Contrast Check

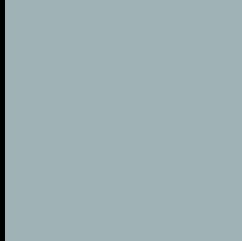
Large Text (above 18pt) WCAG AA × Fail

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 38.5590, 42.5479, 49.8964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

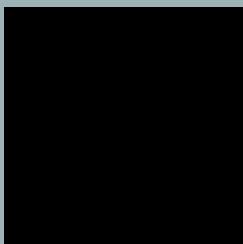
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

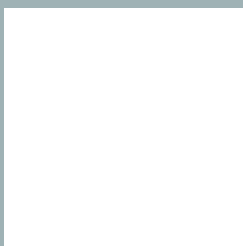
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5590, 42.5479, 49.8964

Background



This preview shows how black text looks on a background with the XYZ color 38.5590, 42.5479, 49.8964.

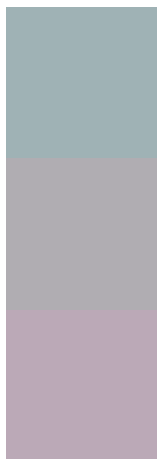


This preview shows how white text looks on a background with the XYZ color 38.5590, 42.5479,

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

38.5590, 42.5479, 49.8964

Protanopia

40.8839, 42.3316, 48.1355

Deuteranopia

43.2287, 42.3596, 50.6976



Tritanopia

39.8241, 42.7829, 55.4492

Trichromacy



Original Color

38.5590, 42.5479, 49.8964

Protanomaly

40.0442, 42.4607, 48.7330

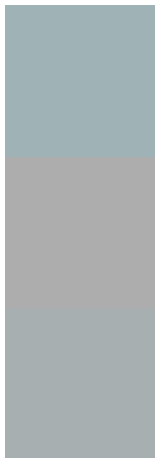
Deuteranomaly

41.3275, 42.2296, 50.2289

Tritanomaly

39.1890, 42.5057, 53.1527

Monochromacy



Original Color

38.5590, 42.5479, 49.8964

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 38.5590, 42.5479, 49.8964 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, 178, 181)` looks like.

```
.text, #text, p{  
    color:rgb(159, 178, 181)  
}
```

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, 178, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 178, 181) }
```

Border

The CSS property to change the border of an element to XYZ 38.5590, 42.5479, 49.8964 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, 178, 181) }
```


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

```
.border{ border-color:rgb(159, 178, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 178, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 178, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 178, 181);  
box-shadow:4px 4px 4px 4px rgb(159, 178,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5590, 42.5479, 49.8964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 178, 181) }
```

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

```
.background{ background-color: rgb(159,  
178, 181) }
```

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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