

Converting Colors

XYZ(32.4395, 33.2557, 38.9278)

Have a look what the booklet for
XYZ(32.4395, 33.2557, 38.9278)
contains.

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Color

**XYZ(32.5410, 33.4223,
38.9185)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9BA2
RGB	159, 155, 162
RGB Percent	62%, 61%, 64%
CMY	0.3765, 0.3921, 0.3647
CMYK	0.02, 0.04, 0.00, 0.36
HSL	274°, 4%, 62%
HSV	274°, 4%, 64%
XYZ	32.5410, 33.4223, 38.9185
YIQ	156.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

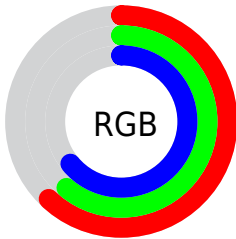
Format	Color
RYB	159, 155, 162
Decimal	10460066
CIELab	64.50, 2.80, -3.14
CIElCh	65, 4.205, 311.670
Yxy	33.4223, 0.3103, 0.3187
Android (android.graphics.Color)	4288650146 (0xFF9F9BA2)
YUV	156.9940, 2.4680, 1.7593
Hunter-Lab	57.8120, -0.6977, 0.5550

Details

The XYZ color **32.5410, 33.4223, 38.9185** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9387, 35.4773, 36.1239**, and the grayscale version is **32.0352, 33.7035, 36.7031**.

A 20% lighter version of the original color is **63.0564, 64.9068, 74.8505**, and **13.9491, 14.2146, 16.7603** is the 20% darker color. If you saturate the color by 10%, you get **28.6851, 27.6978, 38.0173**, and if you desaturate by 10%, it is **36.8380, 39.9130, 39.9454**.

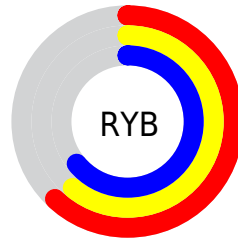
Distribution



Red (62%)

Green (61%)

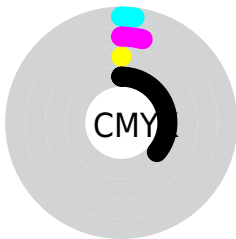
Blue (64%)



Red (62%)

Yellow (61%)

Blue (64%)

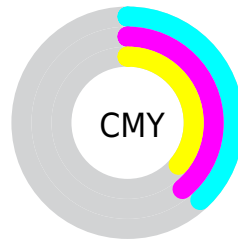


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (36%)



Cyan (38%)

Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5410, 33.4223, 38.9185 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 32.5410, 33.4223, 38.9185 by changing the saturation by 10% instead.

■ 32.5410, 33.4223,
38.9185

■ 32.5410, 33.4223,
38.9185

305.2780,
317.5484, 356.9595

■ 21.9326, 22.4502,
26.3890

■ 63.0177, 65.0343,
74.7328

■ 13.9237, 14.1880,
16.8865

■ 83.6168, 86.4429,
98.8546

■ 8.1490, 8.2516,
9.9925

108.2768,
112.0991, 127.6776

■ 4.2430, 4.2563,
5.2884

137.3630,
142.3874, 161.6204

■ 1.8405, 1.8180,
2.3558

171.2409,
177.6920, 201.1014

■ 0.5419, 0.4983,
0.7622

210.2758,

■ 0.0000, 0.0000,

218.3975, 246.5392

0.0000

254.8331,
264.8881, 298.3524

■ 32.5410, 33.4223,
38.9185

■ 32.5410, 33.4223,
38.9185

■ 28.6851, 27.6978,
38.0173

■ 36.8380, 39.9130,
39.9454

■ 25.2517, 22.7061,
37.2347

■ 41.5880, 47.1932,
41.1002

■ 22.2255, 18.4172,
36.5664

■ 46.8058, 55.2907,
42.3882

■ 19.5885, 14.7979,
36.0068

■ 52.5049, 64.2304,
43.8134

■ 17.3218, 11.8119,
35.5499

■ 58.6980, 74.0362,
45.3797

■ 15.4044, 9.4193,
35.1892

■ 65.3976, 84.7312,
47.0909

■ 13.8130, 7.5758,
34.9172

■ 68.1889, 87.4843,
47.4752

■ 12.5210, 6.2304,
34.7256

■ 70.1804, 88.5110,
47.5684

■ 11.4965, 5.3216,
34.6042

■ 72.2584, 89.5822,
47.6656

Harmonies

Analogous

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



32.0011, 33.4223, 39.7278



32.5410, 33.4223, 38.9185



32.8760, 33.4223, 37.4414

Triad

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



32.5410, 33.4223, 38.9185



32.1315, 33.4223, 33.3406



30.6491, 33.4223, 37.0644

Complementary

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



32.5410, 33.4223, 38.9185



32.9387, 35.4773, 36.1239

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.



30.6830, 33.4223, 35.3608



32.5410, 33.4223, 38.9185



31.5338, 33.4223, 33.2469

Square

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



32.5410, 33.4223, 38.9185



32.6375, 33.4223, 34.2360



31.0052, 33.4223, 33.9758



30.9119, 33.4223, 38.6350

Rectangle

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



32.5410, 33.4223, 38.9185



32.9355, 33.4223, 36.2949



31.0052, 33.4223, 33.9758



30.6263, 33.4223, 36.4877

Sweetspot

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



32.5420, 33.4237, 38.9192



61.5614, 64.4099, 71.2438



32.2731, 34.0437, 39.0531



13.8364, 14.4813, 16.0034



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.5420, 33.4237, 38.9192



58.5055, 59.8222, 70.5194



33.1028, 33.7177, 38.7294



7.4073, 7.5534, 8.9706



8.7075, 3.8954, 27.2227



0.2356, 0.1090, 0.5745

Inverse Universe

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



32.7945, 33.5943, 37.1056



59.0456, 60.1869, 66.6465



32.3949, 35.1924, 36.3034



7.4823, 7.6040, 8.4330



12.6172, 6.4030, 5.1750



0.2886, 0.1439, 0.2324

Previews

White Background



This preview shows how the XYZ color 32.5410, 33.4223, 38.9185 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 32.5410, 33.4223, 38.9185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

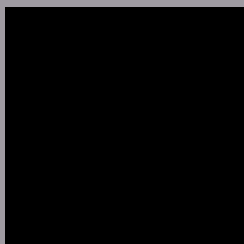
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

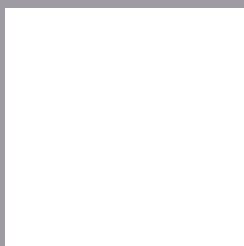
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5410, 33.4223, 38.9185

Background



This preview shows how black text looks on a background with the XYZ color 32.5410, 33.4223, 38.9185.

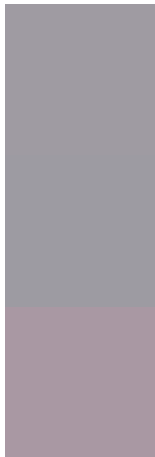


This preview shows how white text looks on a background with the XYZ color 32.5410, 33.4223,

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

32.5410, 33.4223, 38.9185

Protanopia

32.1476, 33.2194, 38.9001

Deuteranopia

34.2013, 33.5358, 39.3208



Tritanopia

32.9357, 33.3380, 40.7754

Trichromacy



Original Color

32.5410, 33.4223, 38.9185

Protanomaly

32.3435, 33.3204, 38.9092

Deuteranomaly

33.5191, 33.4261, 39.3356

Tritanomaly

32.8443, 33.3014, 40.2940

Monochromacy



Original Color

32.5410, 33.4223, 38.9185

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2470, 33.5492, 37.5769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5410, 33.4223, 38.9185 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, 155, 162)` looks like.

```
.text, #text, p{  
    color:rgb(159, 155, 162)  
}
```

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, 155, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 155, 162) }
```

Border

The CSS property to change the border of an element to XYZ 32.5410, 33.4223, 38.9185 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, 155, 162) }
```


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

```
.border{ border-color:rgb(159, 155, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 155, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 155, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 155, 162);  
box-shadow:4px 4px 4px 4px rgb(159, 155,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5410, 33.4223, 38.9185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 155, 162) }
```

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

```
.background{ background-color: rgb(159,  
155, 162) }
```

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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