

Converting Colors

XYZ(32.6963, 33.5134, 43.8936)

Have a look what the booklet for
XYZ(32.6963, 33.5134, 43.8936)
contains.

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Color

**XYZ(32.6853, 33.3898,
43.7519)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9BAC
RGB	155, 155, 172
RGB Percent	61%, 61%, 67%
CMY	0.3922, 0.3921, 0.3255
CMYK	0.10, 0.10, 0.00, 0.33
HSL	240°, 9%, 64%
HSV	240°, 10%, 67%
XYZ	32.6853, 33.3898, 43.7519
YIQ	156.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

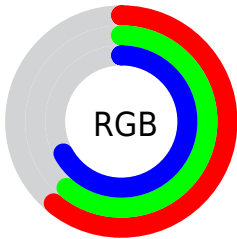
Format	Color
R_{YB}	155, 155, 172
Decimal	10197932
CIE _{Lab}	64.48, 3.42, -8.83
CIE _{LCh}	64, 9.475, 291.189
Yxy	33.3898, 0.2976, 0.3040
Android (android.graphics.Color)	4288388012 (0xFF9B9BAC)
YUV	156.9380, 7.4256, -1.6996
Hunter-Lab	57.7839, -0.1538, -4.4435

Details

The XYZ color **32.6853, 33.3898, 43.7519** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.6823, 40.6420, 36.8696**, and the grayscale version is **31.9902, 33.6562, 36.6516**.

A 20% lighter version of the original color is **62.9601, 64.7023, 81.8435**, and **14.0494, 14.1998, 19.7696** is the 20% darker color. If you saturate the color by 10%, you get **26.9555, 26.4862, 42.7219**, and if you desaturate by 10%, it is **39.2949, 41.3539, 44.9413**.

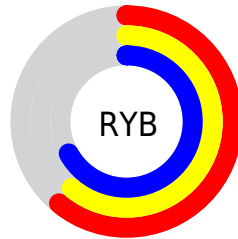
Distribution



Red (61%)

Green (61%)

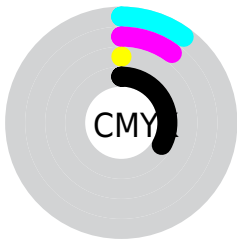
Blue (67%)



Red (61%)

Yellow (61%)

Blue (67%)

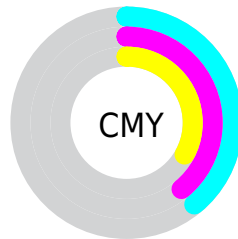


Cyan (10%)

Magenta (10%)

Yellow (0%)

Black (33%)



Cyan (39%)

Magenta (39%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6853, 33.3898, 43.7519 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 32.6853, 33.3898, 43.7519 by changing the saturation by 10% instead.

■ 32.6853, 33.3898,
43.7519

■ 32.6853, 33.3898,
43.7519

305.9194,
317.4025, 377.7066

■ 22.0436, 22.4252,
30.1397

■ 63.2419, 64.9836,
82.1428

■ 14.0057, 14.1697,
19.6917

■ 83.8874, 86.3817,
107.7586

■ 8.2064, 8.2388,
11.9893

108.5982,
112.0263, 138.2127

■ 4.2802, 4.2481,
6.6140

137.7397,
142.3020, 173.9236

■ 1.8618, 1.8133,
3.1471

171.6772,
177.5930, 215.3099

■ 0.5545, 0.4954,
1.1702

210.7761,

■ 0.0000, 0.0000,

218.2839, 262.7902

0.0000

255.4017,
264.7589, 316.7829

■ 32.6853, 33.3898,
43.7519

■ 32.6853, 33.3898,
43.7519

■ 26.9555, 26.4862,
42.7219

■ 39.2949, 41.3539,
44.9413

■ 22.0657, 20.5944,
41.8424

■ 46.8162, 50.4161,
46.2941

■ 17.9773, 15.6682,
41.1070

■ 55.2829, 60.6175,
47.8169

■ 14.6475, 11.6561,
40.5081

■ 64.7262, 71.9955,
49.5153

■ 12.0298, 8.5018,
40.0372

■ 75.1760, 84.5862,
51.3948

■ 10.0722, 6.1430,
39.6851

■ 84.4465, 95.7586,
53.0627

■ 8.7160, 4.5087,
39.4411

■ 7.8919, 3.5156,
39.2929

■ 7.4514, 2.9847,
39.2136

Harmonies

Analogous

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



31.3393, 33.3898, 44.2238



32.6853, 33.3898, 43.7519



33.8059, 33.3898, 41.2266

Triad

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



32.6853, 33.3898, 43.7519



33.3940, 33.3898, 30.8555



29.2348, 33.3898, 35.2268

Complementary

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



32.6853, 33.3898, 43.7519



37.6823, 40.6420, 36.8696

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.



29.7524, 33.3898, 31.8846



32.6853, 33.3898, 43.7519



32.1360, 33.3898, 29.4812

Square

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



32.6853, 33.3898, 43.7519



34.2231, 33.3898, 33.7297



30.8053, 33.3898, 29.8441



29.3724, 33.3898, 39.1149

Rectangle

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



32.6853, 33.3898, 43.7519



34.2619, 33.3898, 38.8107



30.8053, 33.3898, 29.8441



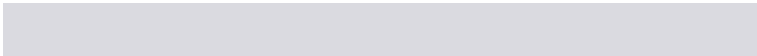
29.3374, 33.3898, 34.0067

Sweetspot

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



32.6863, 33.3912, 43.7526



67.3087, 70.2291, 80.8138



35.6899, 39.4419, 44.6197



14.4174, 15.0090, 17.5248



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.6863, 33.3912, 43.7526



56.7330, 57.4865, 78.9116



34.3170, 34.2313, 43.8289



7.5790, 7.7574, 10.0506



5.5415, 2.2170, 29.1804



0.1542, 0.0617, 0.8118

Inverse Universe

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



34.6518, 34.5806, 35.8603



61.0708, 60.1115, 61.4933



35.9347, 39.7417, 36.7879



8.0053, 8.0154, 8.3388



12.6608, 6.5268, 0.5931



0.3522, 0.1816, 0.0166

Previews

White Background



This preview shows how the XYZ color 32.6853, 33.3898, 43.7519 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 32.6853, 33.3898, 43.7519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

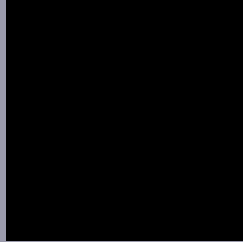
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6853, 33.3898, 43.7519

Background



This preview shows how black text looks on a background with the XYZ color 32.6853, 33.3898, 43.7519.



This preview shows how white text looks on a background with the XYZ color 32.6853, 33.3898,

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

32.6853, 33.3898, 43.7519

Protanopia

32.4942, 33.2913, 43.7430

Deuteranopia

34.0809, 33.3661, 44.1792



Tritanopia

32.2828, 33.4741, 41.8055

Trichromacy



Original Color

32.6853, 33.3898, 43.7519

Protanomaly

32.4942, 33.2913, 43.7430

Deuteranomaly

33.6320, 33.3767, 44.2049

Tritanomaly

32.3763, 33.5115, 42.2981

Monochromacy



Original Color

32.6853, 33.3898, 43.7519

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.1204, 33.4535, 38.9467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6853, 33.3898, 43.7519 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(155, 155, 172)` looks like.

```
.text, #text, p{  
    color:rgb(155, 155, 172)  
}
```

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(155, 155, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 155, 172) }
```

Border

The CSS property to change the border of an element to XYZ 32.6853, 33.3898, 43.7519 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(155, 155, 172) }
```


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

```
.border{ border-color:rgb(155, 155, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 155, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 155, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 155, 172);  
box-shadow:4px 4px 4px 4px rgb(155, 155,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6853, 33.3898, 43.7519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 155, 172) }
```

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

```
.background{ background-color: rgb(155,  
155, 172) }
```

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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