

Converting Colors

XYZ(32.3959, 35.0671, 43.1340)

Have a look what the booklet for
XYZ(32.3959, 35.0671, 43.1340)
contains.

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Color

**XYZ(32.3888, 35.0388,
43.0863)**

Conversions

Conversions Part 1

Format	Color
Hex	94A2AA
RGB	148, 162, 170
RGB Percent	58%, 64%, 67%
CMY	0.4196, 0.3647, 0.3333
CMYK	0.13, 0.05, 0.00, 0.33
HSL	202°, 11%, 62%
HSV	202°, 13%, 67%
XYZ	32.3888, 35.0388, 43.0863
YIQ	158.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

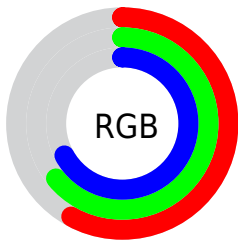
Format	Color
RYB	148, 157, 170
Decimal	9740970
CIELab	65.78, -3.26, -5.83
CIELCh	66, 6.682, 240.833
Yxy	35.0388, 0.2931, 0.3171
Android (android.graphics.Color)	4287931050 (0xFF94A2AA)
YUV	158.7260, 5.5581, -9.4067
Hunter-Lab	59.1936, -5.9194, -1.7210

Details

The XYZ color **32.3888, 35.0388, 43.0863** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8117, 34.4612, 32.8874**, and the grayscale version is **32.8094, 34.5180, 37.5901**.

A 20% lighter version of the original color is **62.7606, 67.6185, 80.9780**, and **13.7757, 15.0013, 19.3090** is the 20% darker color. If you saturate the color by 10%, you get **28.4750, 31.4454, 42.5995**, and if you desaturate by 10%, it is **36.8099, 38.9750, 43.6136**.

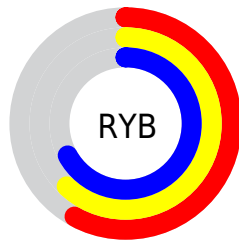
Distribution



Red (58%)

Green (64%)

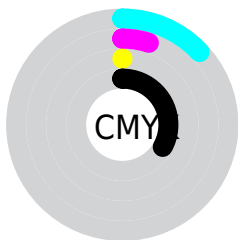
Blue (67%)



Red (58%)

Yellow (62%)

Blue (67%)

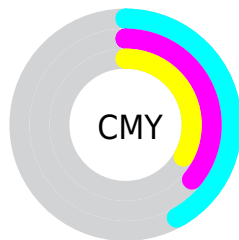


Cyan (13%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3888, 35.0388, 43.0863 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 32.3888, 35.0388, 43.0863 by changing the saturation by 10% instead.

■ 32.3888, 35.0388,
43.0863

■ 32.3888, 35.0388,
43.0863

304.6005,
324.7396, 374.8982

■ 21.8156, 23.6928,
29.6209

■ 62.7812, 67.5459,
81.1288

■ 13.8373, 15.1059,
19.3014

■ 83.3311, 89.4757,
106.5431

■ 8.0886, 8.8937,
11.7093

107.9374,
115.7022, 136.7773

■ 4.2039, 4.6719,
6.4259

136.9653,
146.6099, 172.2502

■ 1.8182, 2.0561,
3.0328

170.7802,
182.5831, 213.3802

■ 0.5286, 0.6398,
1.1114

209.7474,

■ 0.0000, 0.0000,

224.0061, 260.5858

0.0000

254.2324,
271.2635, 314.2856

■ 32.3888, 35.0388,
43.0863

■ 32.3888, 35.0388,
43.0863

■ 28.4750, 31.4454,
42.5995

■ 36.8099, 38.9750,
43.6136

■ 25.0449, 28.1787,
42.1498

■ 41.7542, 43.2606,
44.1802

■ 22.0778, 25.2279,
41.7366

■ 47.2410, 47.9075,
44.7880

■ 19.5500, 22.5795,
41.3586

■ 53.2874, 52.9255,
45.4379

■ 17.4358, 20.2191,
41.0145

■ 59.9099, 58.3243,
46.1309

■ 15.7063, 18.1306,
40.7025

■ 67.1241, 64.1129,
46.8680

■ 14.3286, 16.2957,
40.4209

■ 70.3907, 67.9522,
47.4368

■ 13.2637, 14.6930,
40.1677

■ 71.9010, 70.9727,
47.9403

■ 12.6393, 13.6692,
40.0030

■ 73.4704, 74.1115,
48.4634

Harmonies

Analogous

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



31.7034, 35.0388, 40.9994



32.3888, 35.0388, 43.0863



33.3309, 35.0388, 43.8359

Triad

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



32.3888, 35.0388, 43.0863



35.2332, 35.0388, 38.0725



32.3420, 35.0388, 33.6808

Complementary

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



32.3888, 35.0388, 43.0863



33.8117, 34.4612, 32.8874

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.



33.2758, 35.0388, 32.9807



32.3888, 35.0388, 43.0863



34.9562, 35.0388, 35.4383

Square

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



32.3888, 35.0388, 43.0863



34.9846, 35.0388, 40.8563



34.2349, 35.0388, 33.6083



31.6768, 35.0388, 35.5684

Rectangle

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



32.3888, 35.0388, 43.0863



33.9814, 35.0388, 43.4486



34.2349, 35.0388, 33.6083



32.6343, 35.0388, 33.3031

Sweetspot

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



32.3898, 35.0403, 43.0871



65.8318, 69.8754, 79.0195



32.5635, 37.4362, 36.8298



14.5433, 15.4613, 17.6055



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.



32.3898, 35.0403, 43.0871



56.2876, 61.3236, 77.8718



30.5841, 31.4289, 42.4852



7.5148, 8.0665, 9.5793



9.3518, 10.1638, 29.4444



0.2736, 0.3394, 0.7317

Inverse Universe

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



33.6899, 32.3353, 38.6497



59.2137, 55.3738, 67.8536



35.6873, 38.2124, 33.5126



7.7244, 7.6196, 8.8661



14.2210, 7.0971, 11.2410



0.3692, 0.1820, 0.3959

Previews

White Background



This preview shows how the XYZ color 32.3888, 35.0388, 43.0863 looks on a white background.

Color Contrast Check

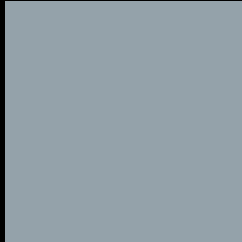
Large Text (above 18pt) WCAG AA × Fail

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 32.3888, 35.0388, 43.0863 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

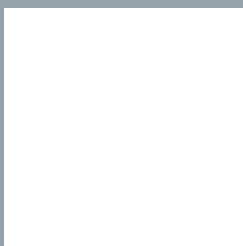
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3888, 35.0388, 43.0863

Background



This preview shows how black text looks on a background with the XYZ color 32.3888, 35.0388, 43.0863.



This preview shows how white text looks on a background with the XYZ color 32.3888, 35.0388,

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

32.3888, 35.0388, 43.0863

Protanopia

33.9632, 35.0970, 42.0301

Deuteranopia

35.6496, 34.9290, 43.3911



Tritanopia

32.7793, 34.9353, 45.0599

Trichromacy



Original Color

32.3888, 35.0388, 43.0863

Protanomaly

33.4425, 35.0741, 42.5435

Deuteranomaly

34.4778, 35.0754, 43.4811

Tritanomaly

32.6821, 34.8964, 44.5483

Monochromacy



Original Color

32.3888, 35.0388, 43.0863

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.6992, 34.7545, 39.6352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3888, 35.0388, 43.0863 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(148, 162, 170) looks like.

```
.text, #text, p{  
    color:rgb(148, 162, 170)  
}
```

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(148, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 162, 170) }
```

Border

The CSS property to change the border of an element to XYZ 32.3888, 35.0388, 43.0863 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(148, 162, 170) }
```


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

```
.border{ border-color:rgb(148, 162, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 162, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 162, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 162, 170);  
box-shadow:4px 4px 4px 4px rgb(148, 162,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3888, 35.0388, 43.0863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 162, 170) }
```

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

```
.background{ background-color: rgb(148,  
162, 170) }
```

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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