

Converting Colors

XYZ(32.3879, 35.8323, 43.2395)

Have a look what the booklet for
XYZ(32.3879, 35.8323, 43.2395)
contains.

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Color

**XYZ(32.3879, 35.8323,
43.2395)**

Conversions

Conversions Part 1

Format	Color
Hex	91A5AA
RGB	145, 165, 170
RGB Percent	57%, 65%, 67%
CMY	0.4314, 0.3529, 0.3333
CMYK	0.15, 0.03, 0.00, 0.33
HSL	192°, 13%, 62%
HSV	192°, 15%, 67%
XYZ	32.3879, 35.8323, 43.2395
YIQ	159.5900, -13.5250, -2.6850

Conversions

Conversions Part 2

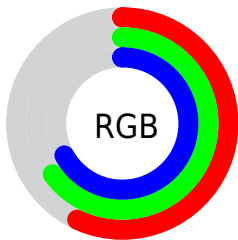
Format	Color
RYB	145, 156, 170
Decimal	9545130
CIELab	66.39, -5.90, -4.95
CIElCh	66, 7.704, 220.004
Yxy	35.8323, 0.2906, 0.3215
Android (android.graphics.Color)	4287735210 (0xFF91A5AA)
YUV	159.5900, 5.1321, -12.7954
Hunter-Lab	59.8601, -8.1759, -0.9256

Details

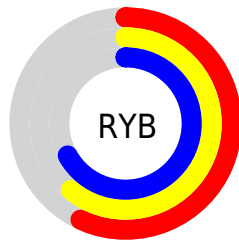
The XYZ color **32.3879, 35.8323, 43.2395** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5950, 32.4030, 31.3252**, and the grayscale version is **33.2075, 34.9368, 38.0462**.

A 20% lighter version of the original color is **62.7370, 68.7648, 81.2005**, and **13.7912, 15.4979, 19.4041** is the 20% darker color. If you saturate the color by 10%, you get **29.0090, 33.1934, 42.9088**, and if you desaturate by 10%, it is **36.2334, 38.7378, 43.5982**.

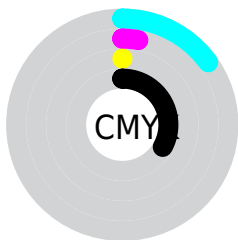
Distribution



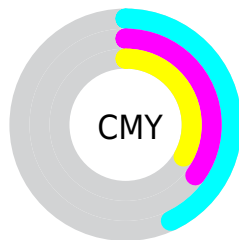
- Red (57%)
- Green (65%)
- Blue (67%)



- Red (57%)
- Yellow (61%)
- Blue (67%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (33%)



- Cyan (43%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3879, 35.8323, 43.2395 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 32.3879, 35.8323, 43.2395 by changing the saturation by 10% instead.

■ 32.3879, 35.8323,
43.2395

■ 32.3879, 35.8323,
43.2395

304.5965,
328.2270, 375.5459

■ 21.8149, 24.3047,
29.7403

■ 62.7798, 68.7731,
81.3624

■ 13.8368, 15.5598,
19.3912

■ 83.3294, 90.9552,
106.8231

■ 8.0882, 9.2132,
11.7736

107.9354,
117.4575, 137.1081

■ 4.2037, 4.8805,
6.4690

136.9629,
148.6645, 172.6359

■ 1.8180, 2.1773,
3.0590

170.7774,
184.9605, 213.8251

■ 0.5285, 0.7076,
1.1248

209.7443,

■ 0.0000, 0.0000,

226.7300, 261.0941

0.0000

254.2289,
274.3574, 314.8615

■ 32.3879, 35.8323,
43.2395

■ 32.3879, 35.8323,
43.2395

■ 29.0090, 33.1934,
42.9088

■ 36.2334, 38.7378,
43.5982

■ 26.0737, 30.8062,
42.6027

■ 40.5612, 41.9154,
43.9834

■ 23.5615, 28.6610,
42.3211

■ 45.3900, 45.3758,
44.3969

■ 21.4492, 26.7456,
42.0627

■ 50.7365, 49.1278,
44.8393

■ 19.7111, 25.0464,
41.8263

■ 56.6167, 53.1798,
45.3115

■ 18.3185, 23.5487,
41.6106

■ 63.0459, 57.5400,
45.8142

■ 17.2384, 22.2351,
41.4140

■ 66.6488, 60.4683,
46.1895

■ 16.4306, 21.0847,
41.2345

■ 67.3874, 61.9455,
46.4357

■ 16.0624, 20.5154,
41.1441

■ 68.1432, 63.4572,
46.6877

Harmonies

Analogous

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



31.9212, 35.8323, 40.1284



32.3879, 35.8323, 43.2395



33.3053, 35.8323, 45.2891

Triad

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



32.3879, 35.8323, 43.2395



36.1830, 35.8323, 41.2263



33.6740, 35.8323, 33.0924

Complementary

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



32.3879, 35.8323, 43.2395



32.5950, 32.4030, 31.3252

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.



34.8210, 35.8323, 33.3494



32.3879, 35.8323, 43.2395



36.2871, 35.8323, 37.9230

Square

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



32.3879, 35.8323, 43.2395



35.5022, 35.8323, 44.0821



35.7836, 35.8323, 35.0756



32.6526, 35.8323, 34.3524

Rectangle

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



32.3879, 35.8323, 43.2395



34.0577, 35.8323, 45.7130



35.7836, 35.8323, 35.0756



34.0574, 35.8323, 33.0060

Sweetspot

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



32.3889, 35.8338, 43.2403



66.2115, 70.6348, 79.1460



31.5239, 36.9584, 34.1514



14.6430, 15.6608, 17.6387



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.



32.3889, 35.8338, 43.2403



56.4495, 63.2268, 78.2307



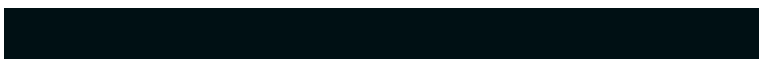
30.3110, 31.6779, 42.5477



7.6183, 8.2735, 9.6138



11.8552, 15.1706, 30.2789



0.3200, 0.4321, 0.7472

Inverse Universe

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



33.4953, 31.5142, 39.9165



58.9099, 53.7761, 70.8044



34.6240, 36.4611, 32.0016



7.7767, 7.6405, 9.1412



15.4846, 7.6025, 17.8951



0.3926, 0.1913, 0.5192

Previews

White Background



This preview shows how the XYZ color 32.3879, 35.8323, 43.2395 looks on a white background.

Color Contrast Check

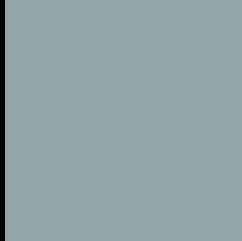
Large Text (above 18pt) WCAG AA × Fail

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 32.3879, 35.8323, 43.2395 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

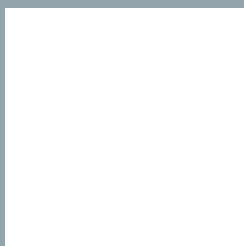
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3879, 35.8323, 43.2395

Background



This preview shows how black text looks on a background with the XYZ color 32.3879, 35.8323, 43.2395.



This preview shows how white text looks on a background with the XYZ color 32.3879, 35.8323,

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

32.3879, 35.8323, 43.2395

Protanopia

34.4461, 35.6130, 41.6177

Deuteranopia

36.3481, 35.5261, 43.9712



Tritanopia

33.0653, 35.8362, 46.7693

Trichromacy



Original Color

32.3879, 35.8323, 43.2395

Protanomaly

33.6985, 35.7357, 42.1674

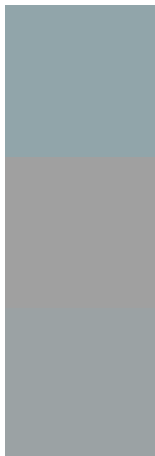
Deuteranomaly

34.6491, 35.4179, 43.5382

Tritanomaly

32.7695, 35.7179, 45.2115

Monochromacy



Original Color

32.3879, 35.8323, 43.2395

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.1387, 35.4896, 40.2255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3879, 35.8323, 43.2395 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(145, 165, 170)` looks like.

```
.text, #text, p{  
    color:rgb(145, 165, 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(145, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 165, 170) }
```

Border

The CSS property to change the border of an element to XYZ 32.3879, 35.8323, 43.2395 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(145, 165, 170) }
```


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

```
.border{ border-color:rgb(145, 165, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 165, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(145, 165,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3879, 35.8323, 43.2395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 165, 170) }
```

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

```
.background{ background-color: rgb(145,  
165, 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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