

Converting Colors

XYZ(33.5012, 39.3444, 35.6397)

Have a look what the booklet for
XYZ(33.5012, 39.3444, 35.6397)
contains.

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Color

**XYZ(33.5751, 39.4110,
35.5432)**

Conversions

Conversions Part 1

Format	Color
Hex	96AF98
RGB	150, 175, 152
RGB Percent	59%, 69%, 60%
CMY	0.4118, 0.3137, 0.4039
CMYK	0.14, 0.00, 0.13, 0.31
HSL	125°, 14%, 64%
HSV	125°, 14%, 69%
XYZ	33.5751, 39.4110, 35.5432
YIQ	164.9030, -7.5170, -12.4530

Conversions

Conversions Part 2

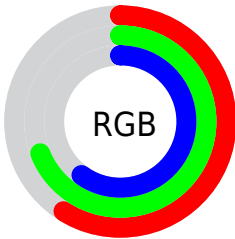
Format	Color
RYB	150, 173, 175
Decimal	9875352
CIELab	69.05, -13.13, 8.93
CIElCh	69, 15.880, 145.802
Yxy	39.4110, 0.3094, 0.3631
Android (android.graphics.Color)	4288065432 (0xFF96AF98)
YUV	164.9030, -6.3612, -13.0699
Hunter-Lab	62.7782, -14.3962, 10.3764

Details

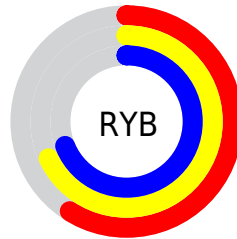
The XYZ color **33.5751, 39.4110, 35.5432** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.1297, 33.9446, 44.1847**, and the grayscale version is **35.7507, 37.6125, 40.9600**.

A 20% lighter version of the original color is **64.6183, 74.4454, 69.3562**, and **14.5775, 17.7582, 14.9713** is the 20% darker color. If you saturate the color by 10%, you get **29.3618, 37.3823, 28.9237**, and if you desaturate by 10%, it is **38.4505, 41.7627, 43.1298**.

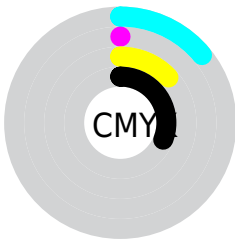
Distribution



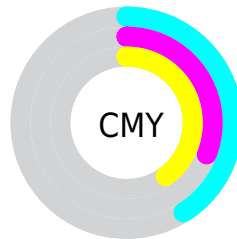
- Red (59%)
- Green (69%)
- Blue (60%)



- Red (59%)
- Yellow (68%)
- Blue (69%)



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (31%)



- Cyan (41%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5751, 39.4110, 35.5432 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 33.5751, 39.4110, 35.5432 by changing the saturation by 10% instead.

■ 33.5751, 39.4110,
35.5432

■ 33.5751, 39.4110,
35.5432

309.8526,
343.6347, 341.9364

■ 22.7287, 27.0796,
23.7947

■ 64.6211, 74.2658,
69.4875

■ 14.5129, 17.6330,
14.9706

■ 85.5513, 97.5579,
92.5204

■ 8.5623, 10.6868,
8.6524

110.5736,
125.2725, 120.1519

■ 4.5116, 5.8567,
4.4214

140.0533,
157.7938, 152.8004

■ 1.9955, 2.7581,
1.8593

174.3556,
195.5063, 190.8846

■ 0.6314, 1.0068,
0.4666

213.8461,

■ 0.0000, 0.0000,

238.7944, 234.8230

0.0000

258.8900,
288.0424, 285.0340

■ 33.5751, 39.4110,
35.5432

■ 33.5751, 39.4110,
35.5432

■ 29.3618, 37.3823,
28.9237

■ 38.4505, 41.7627,
43.1298

■ 25.7791, 35.6576,
23.2299

■ 44.0116, 44.4452,
51.7174

■ 22.7974, 34.2239,
18.4215

■ 50.2846, 47.4725,
61.3415

■ 20.3839, 33.0650,
14.4539

■ 57.2934, 50.8562,
72.0351

■ 18.5023, 32.1633,
11.2788

■ 65.0609, 54.6075,
83.8296

■ 17.1121, 31.4991,
8.8430

■ 73.6077, 58.7363,
96.7553

■ 16.1672, 31.0499,
7.0868

■ 74.6208, 59.1415,
102.0903

■ 15.6126, 30.7887,
5.9411

■ 15.4101, 30.6933,
5.5278

Harmonies

Analogous

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



35.3797, 39.4110, 31.5441



33.5751, 39.4110, 35.5432



32.8107, 39.4110, 41.8995

Triad

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



33.5751, 39.4110, 35.5432



37.1038, 39.4110, 58.3722



42.0149, 39.4110, 37.1250

Complementary

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



33.5751, 39.4110, 35.5432



36.1297, 33.9446, 44.1847

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.



42.5268, 39.4110, 43.9405



33.5751, 39.4110, 35.5432



39.6181, 39.4110, 56.7273

Square

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



33.5751, 39.4110, 35.5432



34.7890, 39.4110, 55.5070



41.6314, 39.4110, 51.2345



40.2622, 39.4110, 32.3826

Rectangle

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



33.5751, 39.4110, 35.5432



32.9674, 39.4110, 46.8216



41.6314, 39.4110, 51.2345



42.3410, 39.4110, 39.2261

Sweetspot

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



33.5762, 39.4127, 35.5441



69.0639, 74.8899, 77.5561



38.1441, 41.7863, 34.9096



15.1963, 16.5708, 16.9990



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.5762, 39.4127, 35.5441



57.7395, 69.4307, 59.9117



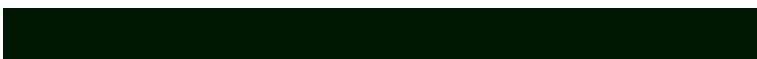
34.6247, 39.8321, 41.0656



7.9295, 8.9494, 8.6540



11.0449, 21.9832, 4.0101



0.3155, 0.6148, 0.1548

Inverse Universe

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



36.1297, 33.9446, 44.1847



63.1608, 57.8212, 78.2553



35.0051, 33.4948, 38.2624



8.3090, 8.1369, 9.9381



17.2780, 8.3737, 24.9071



0.4886, 0.2361, 0.7348

Previews

White Background



This preview shows how the XYZ color 33.5751, 39.4110, 35.5432 looks on a white background.

Color Contrast Check

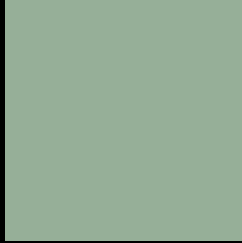
Large Text (above 18pt) WCAG AA × Fail

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 33.5751, 39.4110, 35.5432 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

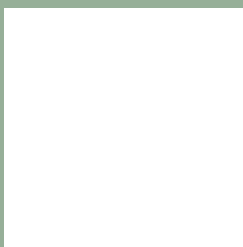
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.5751, 39.4110, 35.5432

Background



This preview shows how black text looks on a background with the XYZ color 33.5751, 39.4110, 35.5432.



This preview shows how white text looks on a background with the XYZ color 33.5751, 39.4110,

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

33.5751, 39.4110, 35.5432

Protanopia

37.2524, 39.3735, 33.6534

Deuteranopia

39.8230, 39.0260, 36.4442



Tritanopia

36.5440, 39.1787, 50.9836

Trichromacy



Original Color

33.5751, 39.4110, 35.5432

Protanomaly

35.9241, 39.5112, 34.1668

Deuteranomaly

37.3306, 39.0845, 36.1484

Tritanomaly

35.3358, 39.2559, 44.7445

Monochromacy



Original Color

33.5751, 39.4110, 35.5432

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.0303, 38.3876, 38.8210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5751, 39.4110, 35.5432 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(150, 175, 152)` looks like.

```
.text, #text, p{  
    color:rgb(150, 175, 152)  
}
```

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(150, 175, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 175, 152) }
```

Border

The CSS property to change the border of an element to XYZ 33.5751, 39.4110, 35.5432 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(150, 175, 152) }
```


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

```
.border{ border-color:rgb(150, 175, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 175, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 175, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 175, 152);  
box-shadow:4px 4px 4px 4px rgb(150, 175,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5751, 39.4110, 35.5432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 175, 152) }
```

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

```
.background{ background-color: rgb(150,  
175, 152) }
```

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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