

Converting Colors

XYZ(35.3704, 39.0191, 39.6668)

Have a look what the booklet for
XYZ(35.3704, 39.0191, 39.6668)
contains.

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Color

**XYZ(35.3826, 39.1054,
39.8657)**

Conversions

Conversions Part 1

Format	Color
Hex	9FABA2
RGB	159, 171, 162
RGB Percent	62%, 67%, 64%
CMY	0.3765, 0.3294, 0.3647
CMYK	0.07, 0.00, 0.05, 0.33
HSL	135°, 7%, 65%
HSV	135°, 7%, 67%
XYZ	35.3826, 39.1054, 39.8657
YIQ	166.3860, -4.2630, -5.3430

Conversions

Conversions Part 2

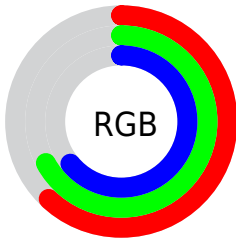
Format	Color
RYB	159, 169, 171
Decimal	10464162
CIELab	68.83, -5.95, 3.18
CIElCh	69, 6.746, 151.924
Yxy	39.1054, 0.3094, 0.3420
Android (android.graphics.Color)	4288654242 (0xFF9FABA2)
YUV	166.3860, -2.1623, -6.4775
Hunter-Lab	62.5343, -8.4378, 5.9766

Details

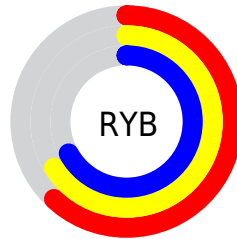
The XYZ color **35.3826, 39.1054, 39.8657** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2620, 36.2824, 42.1397**, and the grayscale version is **36.4449, 38.3428, 41.7553**.

A 20% lighter version of the original color is **67.4523, 73.6986, 76.3158**, and **15.5956, 17.5076, 17.3092** is the 20% darker color. If you saturate the color by 10%, you get **31.1408, 37.0449, 34.0163**, and if you desaturate by 10%, it is **40.2121, 41.4577, 46.3514**.

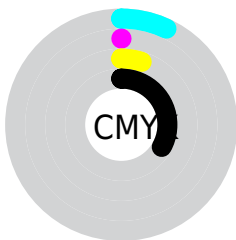
Distribution



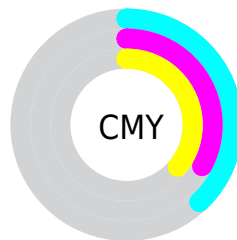
- Red (62%)
- Green (67%)
- Blue (64%)



- Red (62%)
- Yellow (66%)
- Blue (67%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)



- Cyan (38%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3826, 39.1054, 39.8657 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 35.3826, 39.1054, 39.8657 by changing the saturation by 10% instead.

■ 35.3826, 39.1054,
39.8657

■ 35.3826, 39.1054,
39.8657

317.7324,
342.3384, 361.0924

■ 24.1256, 26.8417,
27.1209

■ 67.4082, 73.7993,
76.1938

■ 15.5521, 17.4544,
17.4308

■ 88.9075, 96.9983,
100.6142

■ 9.2966, 10.5590,
10.3769

114.5517,
124.6113, 129.7634

■ 4.9938, 5.7711,
5.5407

144.7060,
157.0225, 164.0602

■ 2.2783, 2.7064,
2.5036

179.7359,
194.6164, 203.9229

■ 0.7835, 0.9805,
0.8421

220.0067,

■ 0.0000, 0.0000,

237.7775, 249.7701

0.0000

265.8837,
286.8900, 302.0205

■ 35.3826, 39.1054,
39.8657

■ 35.3826, 39.1054,
39.8657

■ 31.1408, 37.0449,
34.0163

■ 40.2121, 41.4577,
46.3514

■ 27.4608, 35.2598,
28.7814

■ 45.6473, 44.1073,
53.4890

■ 24.3196, 33.7399,
24.1417

■ 51.7097, 47.0660,
61.2972

■ 21.6913, 32.4722,
20.0761

■ 58.4185, 50.3434,
69.7927

■ 19.5478, 31.4428,
16.5621

■ 65.7923, 53.9488,
78.9919

■ 17.8584, 30.6362,
13.5758

■ 71.3774, 56.6168,
88.7948

■ 16.5886, 30.0353,
11.0915

■ 73.3401, 57.4019,
99.1303

■ 15.6986, 29.6200,
9.0811

■ 73.8537, 57.6073,
101.8346

■ 15.1319, 29.3620,
7.5136

Harmonies

Analogous

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



36.0912, 39.1054, 37.7713



35.3826, 39.1054, 39.8657



35.1499, 39.1054, 42.7772

Triad

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



35.3826, 39.1054, 39.8657



37.2376, 39.1054, 48.7438



38.9422, 39.1054, 39.5387

Complementary

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



35.3826, 39.1054, 39.8657



36.2620, 36.2824, 42.1397

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.



39.2629, 39.1054, 42.3817



35.3826, 39.1054, 39.8657



38.2671, 39.1054, 47.7786

Square

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



35.3826, 39.1054, 39.8657



36.2086, 39.1054, 47.9925



39.0135, 39.1054, 45.4130



38.1453, 39.1054, 37.5890

Rectangle

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



35.3826, 39.1054, 39.8657



35.2924, 39.1054, 44.8172



39.0135, 39.1054, 45.4130



39.1100, 39.1054, 40.4168

Sweetspot

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



35.3837, 39.1071, 39.8666



67.5430, 72.0673, 77.0389



37.0136, 39.9777, 38.5671



15.0839, 16.0818, 17.2089



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.



35.3837, 39.1071, 39.8666



62.4628, 69.5953, 70.1634



35.9115, 39.3182, 42.6462



7.9836, 8.9710, 8.9385



11.3218, 22.0940, 5.4684



0.3368, 0.6234, 0.2673

Inverse Universe

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



36.2620, 36.2824, 42.1397



64.2737, 63.7715, 74.8497



35.7334, 36.0709, 39.3556



8.2502, 8.1133, 9.6286



15.6325, 7.7156, 16.2422



0.4551, 0.2227, 0.5581

Previews

White Background



This preview shows how the XYZ color 35.3826, 39.1054, 39.8657 looks on a white background.

Color Contrast Check

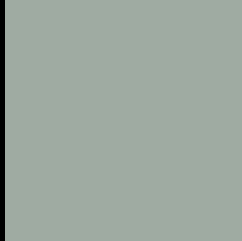
Large Text (above 18pt) WCAG AA × Fail

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 35.3826, 39.1054, 39.8657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

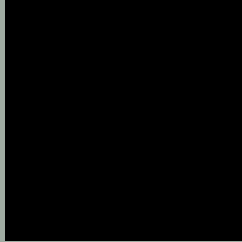
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

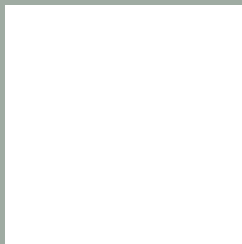
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3826, 39.1054, 39.8657

Background



This preview shows how black text looks on a background with the XYZ color 35.3826, 39.1054, 39.8657.



This preview shows how white text looks on a background with the XYZ color 35.3826, 39.1054,

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

35.3826, 39.1054, 39.8657

Protanopia

37.3975, 39.0597, 38.8259

Deuteranopia

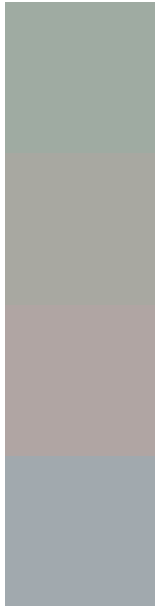
39.6288, 38.8353, 40.5293



Tritanopia

37.2434, 39.0228, 49.2853

Trichromacy



Original Color

35.3826, 39.1054, 39.8657

Protanomaly

36.5841, 38.9033, 39.2991

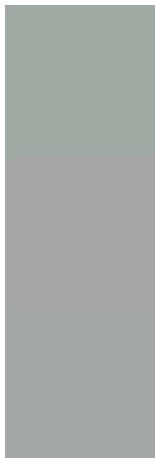
Deuteranomaly

37.9705, 38.7847, 40.1353

Tritanomaly

36.5259, 39.0090, 45.6488

Monochromacy



Original Color

35.3826, 39.1054, 39.8657

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.8984, 38.5084, 41.1381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3826, 39.1054, 39.8657 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, 171, 162)` looks like.

```
.text, #text, p{  
    color:rgb(159, 171, 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, 171, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 171, 162) }
```

Border

The CSS property to change the border of an element to XYZ 35.3826, 39.1054, 39.8657 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, 171, 162) }
```


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

```
.border{ border-color:rgb(159, 171, 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, 171, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 171, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 171, 162);  
box-shadow:4px 4px 4px 4px rgb(159, 171,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3826, 39.1054, 39.8657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 171, 162) }
```

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

```
.background{ background-color: rgb(159,  
171, 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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