

Converting Colors

XYZ(35.1142, 39.1809, 42.9036)

Have a look what the booklet for
XYZ(35.1142, 39.1809, 42.9036)
contains.

XYZ(35.1468, 39.2022, 42.7601)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.1468, 39.2022,
42.7601)**

Conversions

Conversions Part 1

Format	Color
Hex	9AACA8
RGB	154, 172, 168
RGB Percent	60%, 67%, 66%
CMY	0.3961, 0.3255, 0.3412
CMYK	0.10, 0.00, 0.02, 0.33
HSL	167°, 10%, 64%
HSV	167°, 10%, 67%
XYZ	35.1468, 39.2022, 42.7601
YIQ	166.1620, -9.4440, -5.0600

Conversions

Conversions Part 2

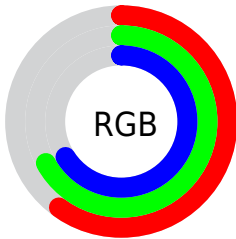
Format	Color
RYB	154, 164, 172
Decimal	10136744
CIELab	68.90, -7.05, -0.09
CIELCh	69, 7.055, 180.701
Yxy	39.2022, 0.3001, 0.3347
Android (android.graphics.Color)	4288326824 (0xFF9ACA8)
YUV	166.1620, 0.9061, -10.6661
Hunter-Lab	62.6117, -9.3702, 3.3366

Details

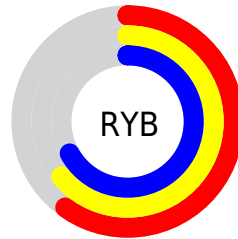
The XYZ color **35.1468, 39.2022, 42.7601** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7418, 34.3515, 37.1489**, and the grayscale version is **36.3237, 38.2154, 41.6166**.

A 20% lighter version of the original color is **66.8008, 73.6758, 80.5121**, and **15.4624, 17.5775, 19.1008** is the 20% darker color. If you saturate the color by 10%, you get **31.7540, 37.4948, 40.7694**, and if you desaturate by 10%, it is **39.0214, 41.1590, 44.8297**.

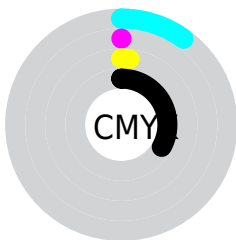
Distribution



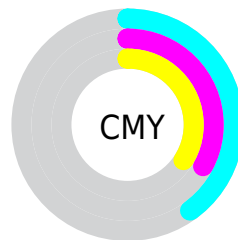
- Red (60%)
- Green (67%)
- Blue (66%)



- Red (60%)
- Yellow (64%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (33%)



- Cyan (40%)
- Magenta (33%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1468, 39.2022, 42.7601 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 35.1468, 39.2022, 42.7601 by changing the saturation by 10% instead.

■ 35.1468, 39.2022,
42.7601

■ 35.1468, 39.2022,
42.7601

316.7125,
342.7494, 373.5164

■ 23.9430, 26.9171,
29.3669

■ 67.0456, 73.9471,
80.6312

■ 15.4159, 17.5109,
19.1106

■ 88.4714, 97.1757,
105.9462

■ 9.2000, 10.5994,
11.5726

114.0353,
124.8208, 136.0722

■ 4.9300, 5.7982,
6.3344

144.1025,
157.2670, 171.4278

■ 2.2406, 2.7228,
2.9774

179.0385,
194.8985, 212.4314

■ 0.7640, 0.9888,
1.0831

219.2086,

■ 0.0000, 0.0000,

238.0998, 259.5017

0.0000

264.9781,
287.2553, 313.0572

■ 35.1468, 39.2022,
42.7601

■ 35.1468, 39.2022,
42.7601

■ 31.7540, 37.4948,
40.7694

■ 39.0214, 41.1590,
44.8297

■ 28.8197, 36.0215,
38.8535

■ 43.3933, 43.3697,
46.9770

■ 26.3238, 34.7730,
37.0120

■ 48.2813, 45.8454,
49.2040

■ 24.2431, 33.7373,
35.2432

■ 53.7023, 48.5945,
51.5120

■ 22.5523, 32.9015,
33.5454

■ 59.6723, 51.6254,
53.9022

■ 21.2235, 32.2511,
31.9170

■ 65.3914, 54.5258,
56.3376

■ 20.2247, 31.7698,
30.3558

■ 65.8177, 54.6963,
58.5827

■ 19.5184, 31.4380,
28.8596

■ 66.2551, 54.8713,
60.8861

■ 19.0397, 31.2211,
27.4897

■ 66.7037, 55.0507,
63.2483

Harmonies

Analogous

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



35.4125, 39.2022, 39.7348



35.1468, 39.2022, 42.7601



35.4380, 39.2022, 45.9140

Triad

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



35.1468, 39.2022, 42.7601



38.3717, 39.2022, 48.2146



38.3252, 39.2022, 37.5250

Complementary

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



35.1468, 39.2022, 42.7601



34.7418, 34.3515, 37.1489

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.



39.1445, 39.2022, 39.6102



35.1468, 39.2022, 42.7601



39.1718, 39.2022, 45.7768

Square

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



35.1468, 39.2022, 42.7601



37.2869, 39.2022, 49.1585



39.4573, 39.2022, 42.6091



37.2342, 39.2022, 36.8055

Rectangle

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



35.1468, 39.2022, 42.7601



35.9121, 39.2022, 47.6413



39.4573, 39.2022, 42.6091



38.6423, 39.2022, 38.0841

Sweetspot

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



35.1479, 39.2039, 42.7610



68.8838, 73.7034, 80.3393



34.7264, 39.1292, 36.2948



14.8460, 15.9548, 17.3945



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.



35.1479, 39.2039, 42.7610



61.9716, 70.2165, 76.5575



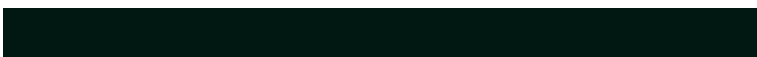
34.6294, 37.5608, 44.4564



8.1590, 9.0411, 9.8621



14.1891, 23.2409, 20.5675



0.4133, 0.6540, 0.6702

Inverse Universe

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



34.7418, 34.3515, 37.1489



61.0577, 59.2945, 63.9267



35.2110, 35.8324, 35.6329



8.0755, 8.0434, 8.7081



12.9415, 6.6392, 2.0716



0.3802, 0.1928, 0.1637

Previews

White Background



This preview shows how the XYZ color 35.1468, 39.2022, 42.7601 looks on a white background.

Color Contrast Check

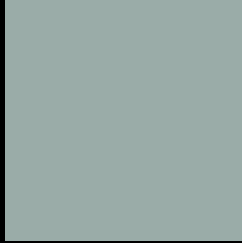
Large Text (above 18pt) WCAG AA × Fail

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 35.1468, 39.2022, 42.7601 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

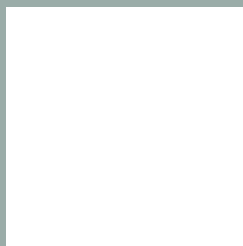
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1468, 39.2022, 42.7601

Background



This preview shows how black text looks on a background with the XYZ color 35.1468, 39.2022, 42.7601.

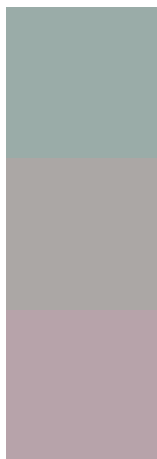


This preview shows how white text looks on a background with the XYZ color 35.1468, 39.2022,

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

35.1468, 39.2022, 42.7601

Protanopia

37.4048, 39.0120, 41.1559

Deuteranopia

39.8813, 39.1639, 43.4876



Tritanopia

36.8266, 39.3364, 50.4515

Trichromacy



Original Color

35.1468, 39.2022, 42.7601

Protanomaly

36.5880, 39.1284, 41.7005

Deuteranomaly

37.8109, 38.9077, 43.0532

Tritanomaly

36.3091, 39.4081, 47.8123

Monochromacy



Original Color

35.1468, 39.2022, 42.7601

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.8780, 38.4767, 42.0950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1468, 39.2022, 42.7601 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(154, 172, 168)` looks like.

```
.text, #text, p{  
    color:rgb(154, 172, 168)  
}
```

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(154, 172, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 172, 168) }
```

Border

The CSS property to change the border of an element to XYZ 35.1468, 39.2022, 42.7601 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(154, 172, 168) }
```


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

```
.border{ border-color:rgb(154, 172, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 172, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 172, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 172, 168);  
box-shadow:4px 4px 4px 4px rgb(154, 172,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1468, 39.2022, 42.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 172, 168) }
```

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

```
.background{ background-color: rgb(154,  
172, 168) }
```

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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