

Converting Colors

XYZ(36.4677, 39.6583, 40.6830)

Have a look what the booklet for
XYZ(36.4677, 39.6583, 40.6830)
contains.

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Color

**XYZ(36.5736, 39.6987,
40.8569)**

Conversions

Conversions Part 1

Format	Color
Hex	A4ABA4
RGB	164, 171, 164
RGB Percent	64%, 67%, 64%
CMY	0.3569, 0.3294, 0.3569
CMYK	0.04, 0.00, 0.04, 0.33
HSL	120°, 4%, 66%
HSV	120°, 4%, 67%
XYZ	36.5736, 39.6987, 40.8569
YIQ	168.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

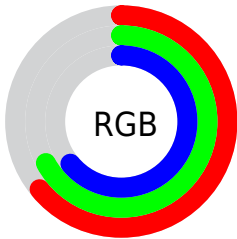
Format	Color
RYB	164, 171, 171
Decimal	10791844
CIELab	69.25, -3.80, 2.74
CIELCh	69, 4.683, 144.264
Yxy	39.6987, 0.3123, 0.3389
Android (android.graphics.Color)	4288981924 (0xFFA4ABA4)
YUV	168.1090, -2.0257, -3.6036
Hunter-Lab	63.0069, -6.6482, 5.6582

Details

The XYZ color **36.5736, 39.6987, 40.8569** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.4222, 38.1501, 43.9215**, and the grayscale version is **37.2842, 39.2259, 42.7170**.

A 20% lighter version of the original color is **69.1960, 74.5673, 77.7637**, and **16.2035, 17.8082, 17.9126** is the 20% darker color. If you saturate the color by 10%, you get **31.8372, 37.4247, 33.1087**, and if you desaturate by 10%, it is **41.9945, 42.3038, 49.7227**.

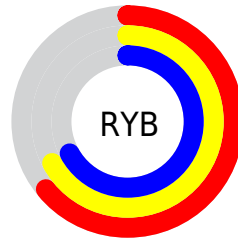
Distribution



Red (64%)

Green (67%)

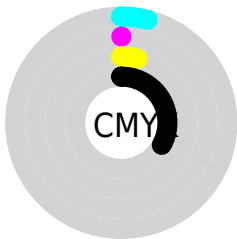
Blue (64%)



Red (64%)

Yellow (67%)

Blue (67%)

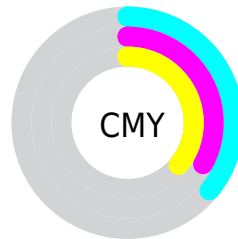


Cyan (4%)

Magenta (0%)

Yellow (4%)

Black (33%)



Cyan (36%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5736, 39.6987, 40.8569 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 36.5736, 39.6987, 40.8569 by changing the saturation by 10% instead.

■ 36.5736, 39.6987,
40.8569

■ 36.5736, 39.6987,
40.8569

322.8484,
344.8520, 365.3811

■ 25.0497, 27.3037,
27.8884

■ 69.2346, 74.7045,
77.7179

■ 16.2430, 17.8014,
18.0033

■ 91.1024, 98.0841,
102.4476

■ 9.7882, 10.8075,
10.7829

117.1488,
125.8940, 131.9347

■ 5.3199, 5.9376,
5.8087

147.7393,
158.5186, 166.5978

■ 2.4729, 2.8072,
2.6622

183.2391,
196.3423, 206.8554

■ 0.8816, 1.0319,
0.9243

224.0137,

■ 0.0000, 0.0000,

239.7495, 253.1262

0.0000

270.4283,
289.1246, 305.8285

■ 36.5736, 39.6987,
40.8569

■ 36.5736, 39.6987,
40.8569

■ 31.8372, 37.4247,
33.1087

■ 41.9945, 42.3038,
49.7227

■ 27.7549, 35.4638,
26.4314

■ 48.1220, 45.2471,
59.7454

■ 24.2990, 33.8037,
20.7786

■ 54.9815, 48.5421,
70.9652

■ 21.4385, 32.4297,
16.0997

■ 62.5960, 52.1998,
83.4201

■ 19.1398, 31.3255,
12.3398

■ 70.9876, 56.2307,
97.1459

■ 17.3659, 30.4734,
9.4383

■ 73.8537, 57.6074,
101.8346

■ 16.0755, 29.8536,
7.3276

■ 15.2211, 29.4432,
5.9299

■ 14.7454, 29.2147,
5.1518

Harmonies

Analogous

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



37.1427, 39.6987, 39.5672



36.5736, 39.6987, 40.8569



36.3153, 39.6987, 42.8135

Triad

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



36.5736, 39.6987, 40.8569



37.5884, 39.6987, 47.4673



39.0628, 39.6987, 41.5496

Complementary

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



36.5736, 39.6987, 40.8569



37.4222, 38.1501, 43.9215

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.



39.1860, 39.6987, 43.6394



36.5736, 39.6987, 40.8569



38.3283, 39.6987, 47.1018

Square

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



36.5736, 39.6987, 40.8569



36.8962, 39.6987, 46.6659



38.9155, 39.6987, 45.6832



38.5812, 39.6987, 39.9578

Rectangle

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



36.5736, 39.6987, 40.8569



36.3516, 39.6987, 44.2510



38.9155, 39.6987, 45.6832



39.1478, 39.6987, 42.2152

Sweetspot

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



36.5747, 39.7004, 40.8578



68.3547, 72.4689, 77.8398



38.0601, 40.4662, 40.9272



15.2552, 16.1665, 17.3779



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.



36.5747, 39.7004, 40.8578



64.6035, 70.6670, 71.7040



36.8954, 39.8287, 42.5464



8.3241, 9.1409, 9.2085



10.9783, 21.9566, 3.6595



0.3054, 0.6108, 0.1018

Inverse Universe

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



37.4222, 38.1501, 43.9215



66.4770, 67.2399, 78.4767



37.0928, 38.0184, 42.1866



8.5902, 8.6542, 10.1704



18.2018, 8.7433, 29.7720



0.5064, 0.2432, 0.8282

Previews

White Background



This preview shows how the XYZ color 36.5736, 39.6987, 40.8569 looks on a white background.

Color Contrast Check

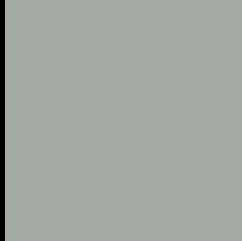
Large Text (above 18pt) WCAG AA × Fail

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 36.5736, 39.6987, 40.8569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

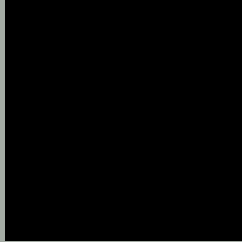
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

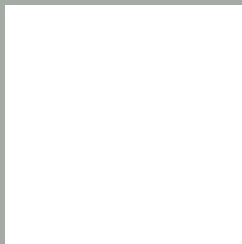
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5736, 39.6987, 40.8569

Background



This preview shows how black text looks on a background with the XYZ color 36.5736, 39.6987, 40.8569.



This preview shows how white text looks on a background with the XYZ color 36.5736, 39.6987,

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

36.5736, 39.6987, 40.8569

Protanopia

37.7578, 39.4981, 39.8163

Deuteranopia

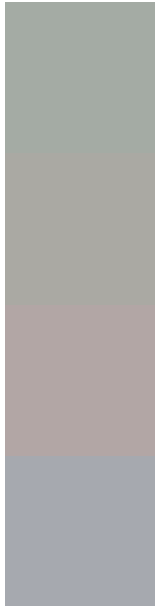
40.2298, 39.3867, 41.5584



Tritanopia

38.3825, 39.5982, 49.8762

Trichromacy



Original Color

36.5736, 39.6987, 40.8569

Protanomaly

37.3764, 39.5663, 40.3174

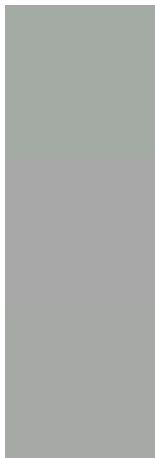
Deuteranomaly

38.7878, 39.4540, 41.1684

Tritanomaly

37.6517, 39.5781, 46.2123

Monochromacy



Original Color

36.5736, 39.6987, 40.8569

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.0994, 39.3814, 42.2052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5736, 39.6987, 40.8569 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(164, 171, 164)` looks like.

```
.text, #text, p{  
    color:rgb(164, 171, 164)  
}
```

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(164, 171, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 171, 164) }
```

Border

The CSS property to change the border of an element to XYZ 36.5736, 39.6987, 40.8569 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(164, 171, 164) }
```


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

```
.border{ border-color:rgb(164, 171, 164) }
```

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

Here you see how a box with a 4 pixel rgb(164, 171, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 171, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 171, 164);  
box-shadow:4px 4px 4px 4px rgb(164, 171,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5736, 39.6987, 40.8569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 171, 164) }
```

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

```
.background{ background-color: rgb(164,  
171, 164) }
```

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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