

Converting Colors

XYZ(38.3337, 39.7827, 50.7863)

Have a look what the booklet for
XYZ(38.3337, 39.7827, 50.7863)
contains.

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Color

**XYZ(38.3567, 39.8360,
51.0149)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A9B8
RGB	165, 169, 184
RGB Percent	65%, 66%, 72%
CMY	0.3529, 0.3372, 0.2784
CMYK	0.10, 0.08, 0.00, 0.28
HSL	227°, 12%, 68%
HSV	227°, 10%, 72%
XYZ	38.3567, 39.8360, 51.0149
YIQ	169.5140, -7.1990, 3.8170

Conversions

Conversions Part 2

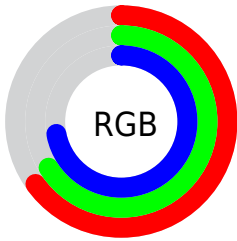
Format	Color
R_{YB}	165, 168, 184
Decimal	10856888
CIE Lab	69.35, 1.59, -8.18
CIE LCh	69, 8.331, 281.019
Yxy	39.8360, 0.2969, 0.3083
Android (android.graphics.Color)	4289046968 (0xFFA5A9B8)
YUV	169.5140, 7.1416, -3.9588
Hunter-Lab	63.1158, -1.9746, -3.7416

Details

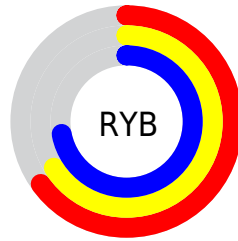
The XYZ color **38.3567, 39.8360, 51.0149** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.8800, 45.5489, 42.1297**, and the grayscale version is **37.9359, 39.9116, 43.4637**.

A 20% lighter version of the original color is **71.8990, 74.8182, 93.0900**, and **17.2681, 17.8720, 24.0122** is the 20% darker color. If you saturate the color by 10%, you get **32.2481, 32.8971, 49.9981**, and if you desaturate by 10%, it is **45.3184, 47.6624, 52.1592**.

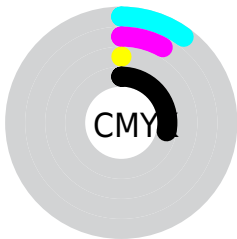
Distribution



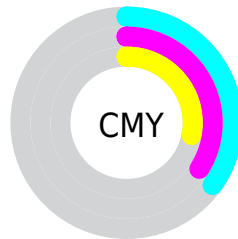
- Red (65%)
- Green (66%)
- Blue (72%)



- Red (65%)
- Yellow (66%)
- Blue (72%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (28%)



- Cyan (35%)
- Magenta (34%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3567, 39.8360, 51.0149 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 38.3567, 39.8360, 51.0149 by changing the saturation by 10% instead.

■ 38.3567, 39.8360,
51.0149

■ 38.3567, 39.8360,
51.0149

330.4021,
345.4319, 407.4699

■ 26.4381, 27.4107,
35.8437

■ 71.9549, 74.9137,
93.0885

■ 17.2861, 17.8819,
24.0247

■ 94.3653, 98.3349,
120.8280

■ 10.5352, 10.8652,
15.1396

121.0036,
126.1902, 153.5939

■ 5.8202, 5.9763,
8.7697

152.2352,
158.8640, 191.8049

■ 2.7757, 2.8307,
4.4965

188.4255,
196.7407, 235.8794

■ 1.0363, 1.0440,
1.9015

229.9399,

■ 0.0000, 0.0000,

240.2046, 286.2361

0.4937

277.1436,
289.6402, 343.2934

■ 0.0000, 0.0000,
0.0000

■ 38.3567, 39.8360,
51.0149

■ 38.3567, 39.8360,
51.0149

■ 32.2481, 32.8971,
49.9981

■ 45.3184, 47.6624,
52.1592

■ 26.9560, 26.8092,
49.1020

■ 53.1610, 56.4012,
53.4326

■ 22.4461, 21.5402,
48.3227

■ 61.9155, 66.0826,
54.8399

■ 18.6805, 17.0546,
47.6553

■ 71.6100, 76.7341,
56.3849

■ 15.6178, 13.3137,
47.0947

■ 81.5315, 88.0000,
58.0366

■ 13.2126, 10.2757,
46.6350

■ 85.6518, 96.2407,
59.4100

■ 11.4138, 7.8942,
46.2702

■ 10.1623, 6.1169,
45.9931

■ 9.3697, 4.8965,
45.7993

Harmonies

Analogous

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



37.0324, 39.8360, 50.7205



38.3567, 39.8360, 51.0149



39.5763, 39.8360, 49.1736

Triad

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



38.3567, 39.8360, 51.0149



39.8370, 39.8360, 38.7172



35.4822, 39.8360, 41.0224

Complementary

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



38.3567, 39.8360, 51.0149



42.8800, 45.5489, 42.1297

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.



36.1997, 39.8360, 38.0505



38.3567, 39.8360, 51.0149



38.7058, 39.8360, 36.7747

Square

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



38.3567, 39.8360, 51.0149



40.4443, 39.8360, 41.9818



37.3734, 39.8360, 36.5380



35.3938, 39.8360, 44.7980

Rectangle

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



38.3567, 39.8360, 51.0149



40.1580, 39.8360, 47.0428



37.3734, 39.8360, 36.5380



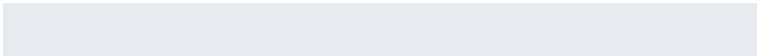
35.6570, 39.8360, 39.9023

Sweetspot

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



38.3579, 39.8377, 51.0158



78.5575, 82.3739, 93.9639



40.8845, 45.5715, 49.7597



16.7117, 17.5071, 20.2200



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.3579, 39.8377, 51.0158



67.3411, 69.7366, 92.1159



38.7680, 38.9604, 50.8248



8.6704, 9.0180, 11.3631



6.5003, 3.4602, 31.5784



0.2743, 0.2124, 1.1283

Inverse Universe

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



40.3846, 39.9659, 43.1238



71.6357, 70.0391, 75.3863



42.4345, 46.5363, 42.3437



9.0800, 9.0424, 9.7685



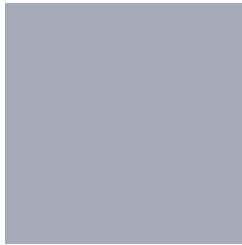
13.8947, 7.1316, 2.0664



0.5126, 0.2605, 0.1930

Previews

White Background



This preview shows how the XYZ color 38.3567, 39.8360, 51.0149 looks on a white background.

Color Contrast Check

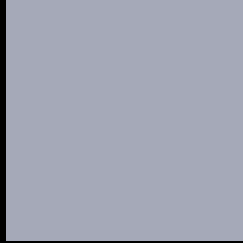
Large Text (above 18pt) WCAG AA × Fail

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 38.3567, 39.8360, 51.0149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

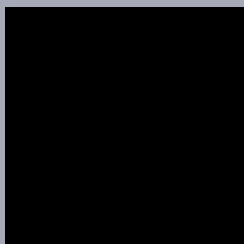
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

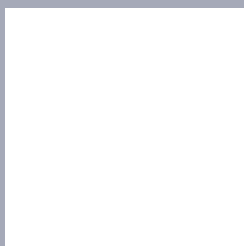
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3567, 39.8360, 51.0149

Background



This preview shows how black text looks on a background with the XYZ color 38.3567, 39.8360, 51.0149.

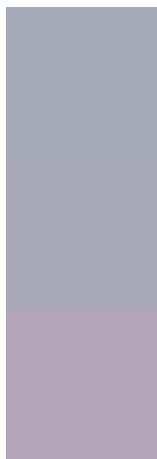


This preview shows how white text looks on a background with the XYZ color 38.3567, 39.8360,

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

38.3567, 39.8360, 51.0149

Protanopia

38.6983, 39.7490, 50.4324

Deuteranopia

40.5722, 39.8780, 51.4578



Tritanopia

38.2523, 39.7942, 50.4647

Trichromacy



Original Color

38.3567, 39.8360, 51.0149

Protanomaly

38.4862, 39.6397, 50.4225

Deuteranomaly

39.6268, 39.6595, 51.4654

Tritanomaly

38.2523, 39.7942, 50.4647

Monochromacy



Original Color

38.3567, 39.8360, 51.0149

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.2610, 40.1694, 46.2943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3567, 39.8360, 51.0149 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(165, 169, 184)` looks like.

```
.text, #text, p{  
    color:rgb(165, 169, 184)  
}
```

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(165, 169, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 169, 184) }
```

Border

The CSS property to change the border of an element to XYZ 38.3567, 39.8360, 51.0149 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(165, 169, 184) }
```


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

```
.border{ border-color:rgb(165, 169, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 169, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 169, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 169, 184);  
box-shadow:4px 4px 4px 4px rgb(165, 169,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3567, 39.8360, 51.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 169, 184) }
```

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

```
.background{ background-color: rgb(165,  
169, 184) }
```

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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