

Converting Colors

XYZ(36.1410, 39.4937, 50.0974)

Have a look what the booklet for
XYZ(36.1410, 39.4937, 50.0974)
contains.

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Color

**XYZ(36.1449, 39.5578,
49.9864)**

Conversions

Conversions Part 1

Format	Color
Hex	98ACB6
RGB	152, 172, 182
RGB Percent	60%, 67%, 71%
CMY	0.4039, 0.3255, 0.2863
CMYK	0.16, 0.05, 0.00, 0.29
HSL	200°, 17%, 65%
HSV	200°, 16%, 71%
XYZ	36.1449, 39.5578, 49.9864
YIQ	167.1600, -15.1300, -1.1300

Conversions

Conversions Part 2

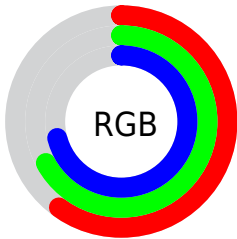
Format	Color
R_YB	152, 164, 182
Decimal	10005686
CIE Lab	69.15, -4.79, -7.47
CIE LCh	69, 8.875, 237.318
Yxy	39.5578, 0.2876, 0.3147
Android (android.graphics.Color)	4288195766 (0xFF98ACB6)
YUV	167.1600, 7.3161, -13.2953
Hunter-Lab	62.8950, -7.4847, -3.0948

Details

The XYZ color **36.1449, 39.5578, 49.9864** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8796, 38.0528, 35.0550**, and the grayscale version is **36.7802, 38.6956, 42.1395**.

A 20% lighter version of the original color is **68.6338, 74.3766, 91.6277**, and **16.0457, 17.7846, 23.3560** is the 20% darker color. If you saturate the color by 10%, you get **31.8685, 35.6795, 49.4638**, and if you desaturate by 10%, it is **40.9990, 43.8143, 50.5528**.

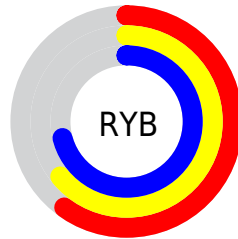
Distribution



Red (60%)

Green (67%)

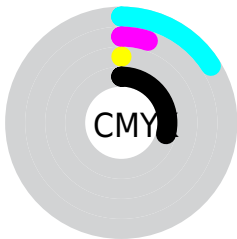
Blue (71%)



Red (60%)

Yellow (64%)

Blue (71%)

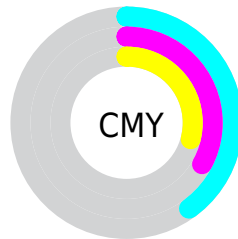


Cyan (16%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (40%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1449, 39.5578, 49.9864 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 36.1449, 39.5578, 49.9864 by changing the saturation by 10% instead.

■ 36.1449, 39.5578,
49.9864

■ 36.1449, 39.5578,
49.9864

321.0136,
344.2562, 403.3463

■ 24.7168, 27.1939,
35.0315

■ 68.5781, 74.4897,
91.5508

■ 15.9938, 17.7189,
23.4034

■ 90.3138, 97.8265,
118.9974

■ 9.6106, 10.7484,
14.6836

116.2161,
125.5897, 151.4450

■ 5.2018, 5.8979,
8.4535

146.6503,
158.1638, 189.3121

■ 2.4021, 2.7831,
4.2945

181.9818,
195.9331, 233.0172

■ 0.8462, 1.0196,
1.7883

222.5760,

■ 0.0000, 0.0000,

239.2820, 282.9789

0.4202

268.7981,
288.5949, 339.6158

■ 0.0000, 0.0000,
0.0000

■ 36.1449, 39.5578,
49.9864

■ 36.1449, 39.5578,
49.9864

■ 31.8685, 35.6795,
49.4638

■ 40.9990, 43.8143,
50.5528

■ 28.1420, 32.1607,
48.9811

■ 46.4503, 48.4568,
51.1616

■ 24.9401, 28.9886,
48.5375

■ 52.5215, 53.4992,
51.8148

■ 22.2343, 26.1473,
48.1317

■ 59.2332, 58.9529,
52.5138

■ 19.9931, 23.6195,
47.7619

■ 66.6048, 64.8290,
53.2594

■ 18.1810, 21.3857,
47.4263

■ 72.3362, 69.9426,
53.9444

■ 16.7571, 19.4237,
47.1226

■ 73.8472, 72.9645,
54.4481

■ 15.6664, 17.7041,
46.8482

■ 75.4153, 76.1009,
54.9708

■ 15.3233, 17.1367,
46.7567

■ 77.0413, 79.3529,
55.5128

Harmonies

Analogous

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



35.2269, 39.5578, 46.7568



36.1449, 39.5578, 49.9864



37.4710, 39.5578, 51.3550

Triad

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



36.1449, 39.5578, 49.9864



40.3893, 39.5578, 43.4383



36.3606, 39.5578, 36.4978

Complementary

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



36.1449, 39.5578, 49.9864



37.8796, 38.0528, 35.0550

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.



37.7263, 39.5578, 35.7308



36.1449, 39.5578, 49.9864



40.0742, 39.5578, 39.5855

Square

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



36.1449, 39.5578, 49.9864



39.9412, 39.5578, 47.4287



39.0906, 39.5578, 36.8261



35.3493, 39.5578, 38.9901

Rectangle

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



36.1449, 39.5578, 49.9864



38.4162, 39.5578, 50.9674



39.0906, 39.5578, 36.8261



36.7924, 39.5578, 36.0367

Sweetspot

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



36.1461, 39.5594, 49.9873



75.6457, 80.5680, 91.7999



36.1548, 42.7229, 40.2914



16.5616, 17.6691, 20.2592



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.



36.1461, 39.5594, 49.9873



62.4205, 68.9287, 90.2504



33.5349, 34.3371, 49.1169



9.0077, 9.6926, 11.4755



10.8840, 12.2276, 33.0396



0.4381, 0.5398, 1.1829

Inverse Universe

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



37.9670, 35.3810, 43.8597



66.4250, 59.9749, 76.7220



40.5832, 43.4599, 35.9562



9.2502, 9.1105, 10.6651



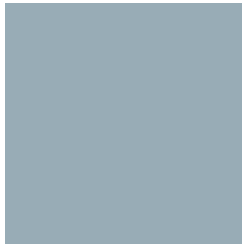
16.1074, 8.0167, 13.7183



0.5953, 0.2936, 0.6281

Previews

White Background



This preview shows how the XYZ color 36.1449, 39.5578, 49.9864 looks on a white background.

Color Contrast Check

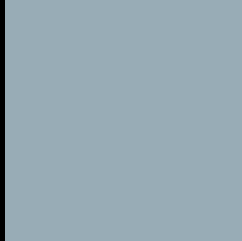
Large Text (above 18pt) WCAG AA × Fail

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 36.1449, 39.5578, 49.9864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

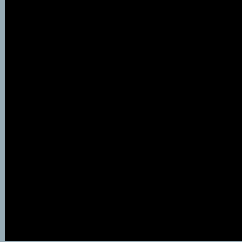
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

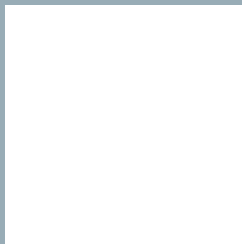
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1449, 39.5578, 49.9864

Background



This preview shows how black text looks on a background with the XYZ color 36.1449, 39.5578, 49.9864.



This preview shows how white text looks on a background with the XYZ color 36.1449, 39.5578,

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

36.1449, 39.5578, 49.9864

Protanopia

38.1038, 39.2169, 48.2092

Deuteranopia

40.2873, 39.4766, 50.8438



Tritanopia

36.4567, 39.4009, 51.5826

Trichromacy



Original Color

36.1449, 39.5578, 49.9864

Protanomaly

37.3265, 39.3526, 48.8085

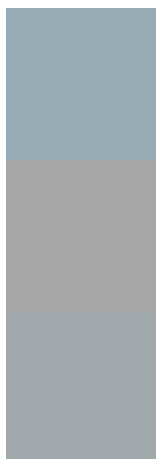
Deuteranomaly

38.7281, 39.4913, 50.3811

Tritanomaly

36.3515, 39.3588, 51.0285

Monochromacy



Original Color

36.1449, 39.5578, 49.9864

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.5347, 39.0359, 44.6388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1449, 39.5578, 49.9864 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(152, 172, 182)` looks like.

```
.text, #text, p{  
    color:rgb(152, 172, 182)  
}
```

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(152, 172, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 172, 182) }
```

Border

The CSS property to change the border of an element to XYZ 36.1449, 39.5578, 49.9864 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(152, 172, 182) }
```


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

```
.border{ border-color:rgb(152, 172, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 172, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 172, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 172, 182);  
box-shadow:4px 4px 4px 4px rgb(152, 172,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1449, 39.5578, 49.9864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 172, 182) }
```

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

```
.background{ background-color: rgb(152,  
172, 182) }
```

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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