

Converting Colors

XYZ(36.9127, 39.6713, 49.9593)

Have a look what the booklet for
XYZ(36.9127, 39.6713, 49.9593)
contains.

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Color

**XYZ(36.9110, 39.6713,
49.9679)**

Conversions

Conversions Part 1

Format	Color
Hex	9DABB6
RGB	157, 171, 182
RGB Percent	62%, 67%, 71%
CMY	0.3843, 0.3294, 0.2863
CMYK	0.14, 0.06, 0.00, 0.29
HSL	206°, 15%, 66%
HSV	206°, 14%, 71%
XYZ	36.9110, 39.6713, 49.9679
YIQ	168.0680, -11.8750, 0.4530

Conversions

Conversions Part 2

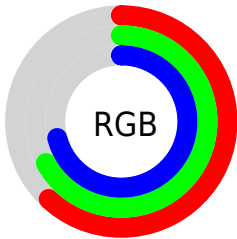
Format	Color
RYB	157, 166, 182
Decimal	10333110
CIELab	69.23, -2.60, -7.31
CIElCh	69, 7.760, 250.411
Yxy	39.6713, 0.2917, 0.3135
Android (android.graphics.Color)	4288523190 (0xFF9DABB6)
YUV	168.0680, 6.8685, -9.7066
Hunter-Lab	62.9852, -5.6182, -2.9468

Details

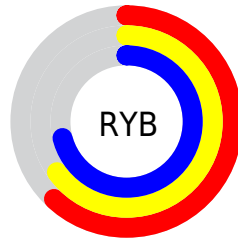
The XYZ color **36.9110, 39.6713, 49.9679** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.3800, 40.3845, 37.6184**, and the grayscale version is **37.2253, 39.1639, 42.6495**.

A 20% lighter version of the original color is **69.7804, 74.5628, 91.6032**, and **16.5031, 17.8428, 23.3431** is the 20% darker color. If you saturate the color by 10%, you get **32.1547, 35.0428, 49.3258**, and if you desaturate by 10%, it is **42.2902, 44.7590, 50.6670**.

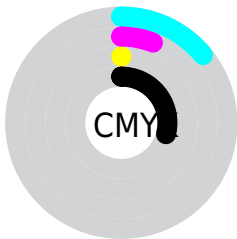
Distribution



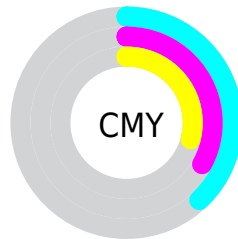
- Red (62%)
- Green (67%)
- Blue (71%)



- Red (62%)
- Yellow (65%)
- Blue (71%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (29%)



- Cyan (38%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9110, 39.6713, 49.9679 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 36.9110, 39.6713, 49.9679 by changing the saturation by 10% instead.

■ 36.9110, 39.6713,
49.9679

■ 36.9110, 39.6713,
49.9679

324.2873,
344.7362, 403.2719

■ 25.3119, 27.2824,
35.0169

■ 69.7506, 74.6627,
91.5231

■ 16.4396, 17.7854,
23.3922

■ 91.7219, 98.0340,
118.9644

■ 9.9286, 10.7960,
14.6754

117.8812,
125.8348, 151.4062

■ 5.4135, 5.9298,
8.4478

148.5941,
158.4496, 189.2671

■ 2.5291, 2.8025,
4.2909

184.2258,
196.2627, 232.9656

■ 0.9100, 1.0295,
1.7863

225.1416,

■ 0.0000, 0.0000,

239.6586, 282.9201

0.4189

271.7070,
289.0216, 339.5494

■ 0.0000, 0.0000,
0.0000

■ 36.9110, 39.6713,
49.9679

■ 36.9110, 39.6713,
49.9679

■ 32.1547, 35.0428,
49.3258

■ 42.2902, 44.7590,
50.6670

■ 27.9929, 30.8534,
48.7365

■ 48.3123, 50.3153,
51.4221

■ 24.4001, 27.0885,
48.1992

■ 55.0005, 56.3557,
52.2355

■ 21.3473, 23.7306,
47.7120

■ 62.3760, 62.8932,
53.1087

■ 18.8031, 20.7609,
47.2729

■ 70.4588, 69.9403,
54.0429

■ 16.7319, 18.1585,
46.8797

■ 75.0259, 75.3221,
54.8409

■ 15.0936, 15.8998,
46.5301

■ 77.1657, 79.6017,
55.5542

■ 13.8399, 13.9571,
46.2212

■ 79.4074, 84.0850,
56.3014

■ 13.1890, 12.8681,
46.0453

■ 81.7522, 88.7746,
57.0830

Harmonies

Analogous

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



35.9163, 39.6713, 47.7847



36.9110, 39.6713, 49.9679



38.1398, 39.6713, 50.2808

Triad

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



36.9110, 39.6713, 49.9679



40.1054, 39.6713, 41.9705



36.1786, 39.6713, 38.1919

Complementary

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



36.9110, 39.6713, 49.9679



39.3800, 40.3845, 37.6184

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.



37.2763, 39.6713, 36.8088



36.9110, 39.6713, 49.9679



39.5550, 39.6713, 38.9096

Square

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



36.9110, 39.6713, 49.9679



40.0024, 39.6713, 45.5303



38.5131, 39.6713, 37.0641



35.4999, 39.6713, 40.9416

Rectangle

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



36.9110, 39.6713, 49.9679



38.9288, 39.6713, 49.3693



38.5131, 39.6713, 37.0641



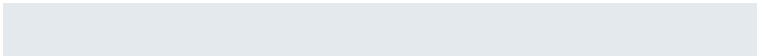
36.5098, 39.6713, 37.5588

Sweetspot

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



36.9122, 39.6730, 49.9688



76.3288, 80.8271, 91.8140



37.6856, 43.4456, 43.3647



16.6882, 17.6928, 20.2571



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.



36.9122, 39.6730, 49.9688



64.6296, 69.7209, 90.2868



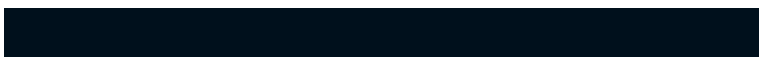
34.6897, 35.2280, 49.2280



8.9271, 9.5314, 11.4487



9.3809, 9.2215, 32.5386



0.3912, 0.4462, 1.1672

Inverse Universe

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



38.7000, 37.0001, 43.6320



68.4251, 64.1637, 76.8073



41.7665, 45.1574, 38.4139



9.2095, 9.0942, 10.4508



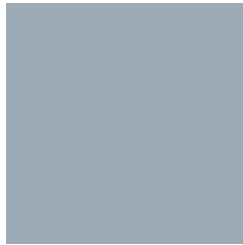
15.3487, 7.7132, 9.7231



0.5716, 0.2841, 0.5037

Previews

White Background



This preview shows how the XYZ color 36.9110, 39.6713, 49.9679 looks on a white background.

Color Contrast Check

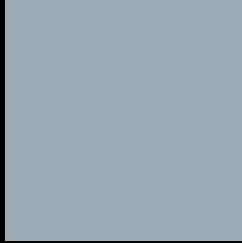
Large Text (above 18pt) WCAG AA × Fail

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 36.9110, 39.6713, 49.9679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

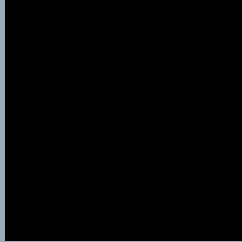
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

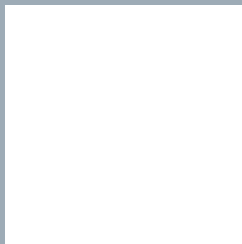
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.9110, 39.6713, 49.9679

Background



This preview shows how black text looks on a background with the XYZ color 36.9110, 39.6713, 49.9679.



This preview shows how white text looks on a background with the XYZ color 36.9110, 39.6713,

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

36.9110, 39.6713, 49.9679

Protanopia

38.6030, 39.7356, 48.8151

Deuteranopia

40.4131, 39.5535, 50.3043



Tritanopia

37.1193, 39.7546, 51.0644

Trichromacy



Original Color

36.9110, 39.6713, 49.9679

Protanomaly

38.0455, 39.7115, 49.3759

Deuteranomaly

39.1605, 39.7143, 50.4014

Tritanomaly

37.0148, 39.7128, 50.5142

Monochromacy



Original Color

36.9110, 39.6713, 49.9679

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.0406, 39.2856, 45.1658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9110, 39.6713, 49.9679 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(157, 171, 182)` looks like.

```
.text, #text, p{  
    color:rgb(157, 171, 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(157, 171, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 171, 182) }
```

Border

The CSS property to change the border of an element to XYZ 36.9110, 39.6713, 49.9679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

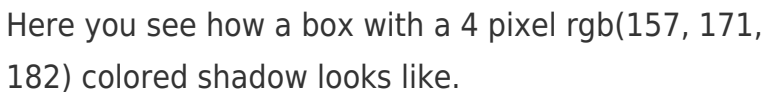
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 171, 182) }
```


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

```
.border{ border-color:rgb(157, 171, 182) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 171, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 171, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 171, 182); box-shadow:4px 4px 4px 4px rgb(157, 171, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9110, 39.6713, 49.9679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 171, 182) }
```

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

```
.background{ background-color: rgb(157,  
171, 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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