

Converting Colors

XYZ(36.3468, 37.0973, 47.6280)

Have a look what the booklet for
XYZ(36.3468, 37.0973, 47.6280)
contains.

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Color

**XYZ(36.3669, 36.9878,
47.8705)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A2B3
RGB	164, 162, 179
RGB Percent	64%, 64%, 70%
CMY	0.3569, 0.3647, 0.2980
CMYK	0.08, 0.09, 0.00, 0.30
HSL	247°, 10%, 67%
HSV	247°, 9%, 70%
XYZ	36.3669, 36.9878, 47.8705
YIQ	164.5360, -4.2650, 5.7110

Conversions

Conversions Part 2

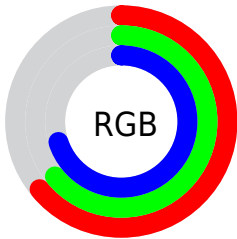
Format	Color
RYB	164, 162, 179
Decimal	10789555
CIELab	67.27, 4.08, -8.51
CIElCh	67, 9.438, 295.581
Yxy	36.9878, 0.3000, 0.3051
Android (android.graphics.Color)	4288979635 (0xFFA4A2B3)
YUV	164.5360, 7.1308, -0.4701
Hunter-Lab	60.8176, 0.3063, -4.0958

Details

The XYZ color **36.3669, 36.9878, 47.8705** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7744, 44.1969, 40.5659**, and the grayscale version is **35.5115, 37.3608, 40.6860**.

A 20% lighter version of the original color is **69.0217, 70.6839, 88.6028**, and **16.0239, 16.1030, 22.0023** is the 20% darker color. If you saturate the color by 10%, you get **30.3758, 29.5477, 46.7508**, and if you desaturate by 10%, it is **43.2139, 45.5374, 49.1604**.

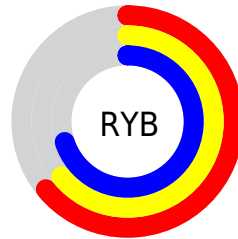
Distribution



Red (64%)

Green (64%)

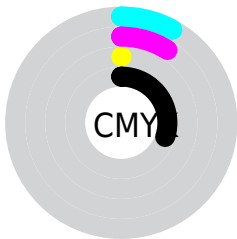
Blue (70%)



Red (64%)

Yellow (64%)

Blue (70%)

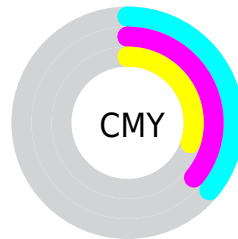


Cyan (8%)

Magenta (9%)

Yellow (0%)

Black (30%)



Cyan (36%)

Magenta (36%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3669, 36.9878, 47.8705 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 36.3669, 36.9878, 47.8705 by changing the saturation by 10% instead.

■ 36.3669, 36.9878,
47.8705

■ 36.3669, 36.9878,
47.8705

321.9647,
333.2577, 394.7725

■ 24.8891, 25.1980,
33.3651

■ 68.9182, 70.5540,
88.3751

■ 16.1228, 16.2247,
22.1329

■ 90.7224, 93.0993,
115.2114

■ 9.7025, 9.6833,
13.7553

116.6994,
119.9985, 146.9950

■ 5.2629, 5.1895,
7.8139

147.2146,
151.6361, 184.1445

■ 2.4386, 2.3589,
3.8900

182.6334,
188.3964, 227.0785

■ 0.8644, 0.8046,
1.5652

223.3211,

■ 0.0000, 0.0000,

230.6638, 276.2155

0.2658

269.6431,
278.8228, 331.9739

■ 0.0000, 0.0000,
0.0000

■ 36.3669, 36.9878,
47.8705

■ 36.3669, 36.9878,
47.8705

■ 30.3758, 29.5477,
46.7508

■ 43.2139, 45.5374,
49.1604

■ 25.2037, 23.1672,
45.7918

■ 50.9454, 55.2346,
50.6247

■ 20.8158, 17.7992,
44.9869

■ 59.5925, 66.1213,
52.2703

■ 17.1736, 13.3915,
44.3281

■ 69.1839, 78.2361,
54.1032

■ 14.2352, 9.8871,
43.8066

■ 79.7472, 91.6158,
56.1289

■ 11.9546, 7.2231,
43.4126

■ 85.1368, 96.0347,
56.6978

■ 10.2801, 5.3281,
43.1351

■ 9.1523, 4.1190,
42.9611

■ 8.4740, 3.4431,
42.8664

Harmonies

Analogous

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



34.9425, 36.9878, 48.7226



36.3669, 36.9878, 47.8705



37.4935, 36.9878, 44.9317

Triad

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



36.3669, 36.9878, 47.8705



36.7468, 36.9878, 34.0704



32.4626, 36.9878, 39.6645

Complementary

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



36.3669, 36.9878, 47.8705



40.7744, 44.1969, 40.5659

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.



32.9173, 36.9878, 35.9488



36.3669, 36.9878, 47.8705



35.3699, 36.9878, 32.8623

Square

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



36.3669, 36.9878, 47.8705



37.7170, 36.9878, 36.9404



33.9719, 36.9878, 33.5259



32.7132, 36.9878, 43.8011

Rectangle

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



36.3669, 36.9878, 47.8705



37.9107, 36.9878, 42.2837



33.9719, 36.9878, 33.5259



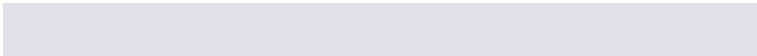
32.5377, 36.9878, 38.3279

Sweetspot

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



36.3680, 36.9894, 47.8713



72.8566, 75.8810, 87.1877



38.7635, 42.3879, 48.7871



15.9206, 16.5357, 19.2749



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.3680, 36.9894, 47.8713



63.2138, 63.8567, 85.3750



38.1778, 37.9223, 47.9560



8.1317, 8.2764, 10.6753



5.9990, 2.4284, 30.2895



0.2184, 0.0917, 0.9544

Inverse Universe

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



39.4477, 38.6002, 46.9680



69.6425, 67.2196, 83.4689



38.9015, 43.2314, 40.4783



8.8062, 8.6292, 10.4776



17.5110, 8.5219, 23.6485



0.5631, 0.2730, 0.8077

Previews

White Background



This preview shows how the XYZ color 36.3669, 36.9878, 47.8705 looks on a white background.

Color Contrast Check

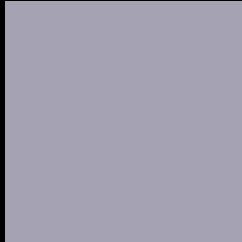
Large Text (above 18pt) WCAG AA × Fail

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 36.3669, 36.9878, 47.8705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

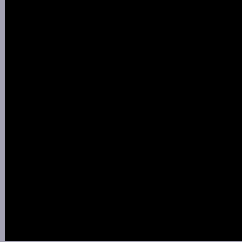
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3669, 36.9878, 47.8705

Background



This preview shows how black text looks on a background with the XYZ color 36.3669, 36.9878, 47.8705.



This preview shows how white text looks on a background with the XYZ color 36.3669, 36.9878,

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

36.3669, 36.9878, 47.8705

Protanopia

36.1342, 37.1304, 47.9102

Deuteranopia

37.6496, 36.8622, 48.3108



Tritanopia

35.9393, 37.0761, 45.8196

Trichromacy



Original Color

36.3669, 36.9878, 47.8705

Protanomaly

36.3381, 37.2356, 47.9198

Deuteranomaly

37.1712, 36.8719, 48.3379

Tritanomaly

36.0379, 37.1155, 46.3389

Monochromacy



Original Color

36.3669, 36.9878, 47.8705

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.0482, 37.4525, 43.3593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3669, 36.9878, 47.8705 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, 162, 179)` looks like.

```
.text, #text, p{  
    color:rgb(164, 162, 179)  
}
```

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, 162, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 162, 179) }
```

Border

The CSS property to change the border of an element to XYZ 36.3669, 36.9878, 47.8705 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, 162, 179) }
```


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

```
.border{ border-color:rgb(164, 162, 179) }
```

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

Here you see how a box with a 4 pixel rgb(164, 162, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 162, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 162, 179);  
box-shadow:4px 4px 4px 4px rgb(164, 162,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3669, 36.9878, 47.8705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 162, 179) }
```

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

```
.background{ background-color: rgb(164,  
162, 179) }
```

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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