

Converting Colors

XYZ(36.1642, 33.5575, 52.5447)

Have a look what the booklet for
XYZ(36.1642, 33.5575, 52.5447)
contains.

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Color

**XYZ(36.0812, 33.4938,
52.7074)**

Conversions

Conversions Part 1

Format	Color
Hex	A895BD
RGB	168, 149, 189
RGB Percent	66%, 58%, 74%
CMY	0.3412, 0.4157, 0.2588
CMYK	0.11, 0.21, 0.00, 0.26
HSL	268°, 23%, 66%
HSV	268°, 21%, 74%
XYZ	36.0812, 33.4938, 52.7074
YIQ	159.2410, -1.5160, 16.4680

Conversions

Conversions Part 2

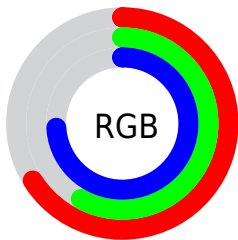
Format	Color
RYB	168, 149, 189
Decimal	11048381
CIELab	64.56, 14.80, -18.14
CIELCh	65, 23.413, 309.206
Yxy	33.4938, 0.2951, 0.2739
Android (android.graphics.Color)	4289238461 (0xFFA895BD)
YUV	159.2410, 14.6712, 7.6816
Hunter-Lab	57.8738, 10.0059, -13.4855

Details

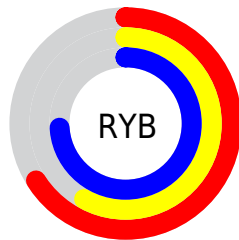
The XYZ color **36.0812, 33.4938, 52.7074** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.2011, 47.1120, 35.4100**, and the grayscale version is **33.0012, 34.7198, 37.8099**.

A 20% lighter version of the original color is **68.2688, 64.9924, 95.3328**, and **16.0141, 14.2259, 25.1944** is the 20% darker color. If you saturate the color by 10%, you get **31.2979, 26.9441, 51.6958**, and if you desaturate by 10%, it is **41.5131, 41.0999, 53.8898**.

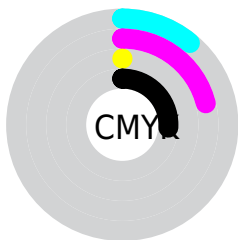
Distribution



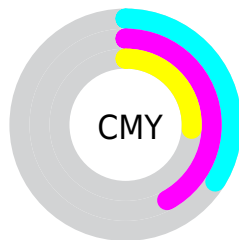
- Red (66%)
- Green (58%)
- Blue (74%)



- Red (66%)
- Yellow (58%)
- Blue (74%)



- Cyan (11%)
- Magenta (21%)
- Yellow (0%)
- Black (26%)



- Cyan (34%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0812, 33.4938, 52.7074 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 36.0812, 33.4938, 52.7074 by changing the saturation by 10% instead.

■ 36.0812, 33.4938,
52.7074

■ 36.0812, 33.4938,
52.7074

320.7404,
317.8690, 414.1959

■ 24.6673, 22.5050,
37.1831

■ 68.4804, 65.1457,
95.6109

■ 15.9568, 14.2284,
25.0524

■ 90.1965, 86.5776,
123.8271

■ 9.5842, 8.2797,
15.8967

116.0773,
112.2593, 157.1111

■ 5.1843, 4.2744,
9.2975

146.4882,
142.5752, 195.8813

■ 2.3917, 1.8282,
4.8363

181.7947,
177.9098, 240.5564

■ 0.8410, 0.5047,
2.0945

222.3619,

■ 0.0000, 0.0000,

218.6473, 291.5548

0.6125

268.5554,
265.1723, 349.2952

■ 0.0000, 0.0000,
0.0000

■ 36.0812, 33.4938,
52.7074

■ 36.0812, 33.4938,
52.7074

■ 31.2979, 26.9441,
51.6958

■ 41.5131, 41.0999,
53.8898

■ 27.1331, 21.3979,
50.8448

■ 47.6156, 49.8036,
55.2481

■ 23.5588, 16.8043,
50.1465

■ 54.4137, 59.6489,
56.7901

■ 20.5434, 13.1057,
49.5916

■ 61.9299, 70.6761,
58.5225

■ 18.0521, 10.2383,
49.1694

■ 70.1857, 82.9237,
60.4514

■ 16.0454, 8.1294,
48.8681

■ 76.7941, 91.6128,
61.7802

■ 14.4770, 6.6928,
48.6735

■ 80.0248, 93.2782,
61.9314

■ 13.3798, 5.8364,
48.5660

■ 83.4389, 95.0383,
62.0912

■ 86.1854, 96.4542,
62.2197

Harmonies

Analogous

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



32.8762, 33.4938, 57.8708



36.0812, 33.4938, 52.7074



38.2423, 33.4938, 43.4159

Triad

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



36.0812, 33.4938, 52.7074



34.1761, 33.4938, 21.8024



25.8920, 33.4938, 39.4996

Complementary

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



36.0812, 33.4938, 52.7074



40.2011, 47.1120, 35.4100

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.



26.1864, 33.4938, 30.3058



36.0812, 33.4938, 52.7074



30.8158, 33.4938, 21.1256

Square

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



36.0812, 33.4938, 52.7074



37.0899, 33.4938, 26.0097



27.9355, 33.4938, 23.9639



27.1012, 33.4938, 49.4126

Rectangle

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



36.0812, 33.4938, 52.7074



38.7175, 33.4938, 36.7254



27.9355, 33.4938, 23.9639



25.8204, 33.4938, 36.2139

Sweetspot

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



36.0822, 33.4952, 52.7081



79.7335, 81.2561, 97.7078



36.0182, 38.9395, 53.7624



16.9939, 17.2565, 20.9777



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



36.0822, 33.4952, 52.7081



60.8531, 54.7921, 93.5948



40.5907, 35.8194, 52.9191



9.4359, 9.4416, 11.9973



9.0893, 3.9718, 32.6805



0.4316, 0.1945, 1.2837

Inverse Universe

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



38.9905, 35.2173, 42.7742



67.0038, 58.4355, 72.5312



36.2627, 45.0817, 35.2256



9.7338, 9.6178, 10.9869



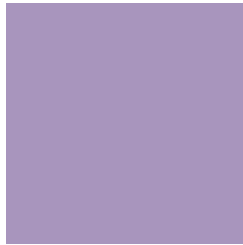
15.6817, 7.9039, 8.8836



0.6471, 0.3227, 0.5210

Previews

White Background



This preview shows how the XYZ color 36.0812, 33.4938, 52.7074 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 36.0812, 33.4938, 52.7074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

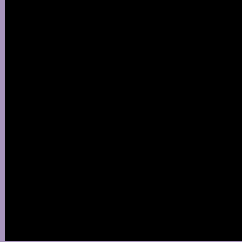
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0812, 33.4938, 52.7074

Background



This preview shows how black text looks on a background with the XYZ color 36.0812, 33.4938, 52.7074.



This preview shows how white text looks on a background with the XYZ color 36.0812, 33.4938,

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

36.0812, 33.4938, 52.7074

Protanopia

33.5597, 33.5888, 55.1666

Deuteranopia

34.1786, 33.4812, 52.2381



Tritanopia

33.4926, 33.3916, 40.2773

Trichromacy



Original Color

36.0812, 33.4938, 52.7074

Protanomaly

34.4232, 33.5568, 54.5320

Deuteranomaly

34.8025, 33.5609, 52.2206

Tritanomaly

34.3853, 33.5118, 44.7005

Monochromacy



Original Color

36.0812, 33.4938, 52.7074

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.8773, 34.0264, 42.8124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0812, 33.4938, 52.7074 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(168, 149, 189)` looks like.

```
.text, #text, p{  
    color:rgb(168, 149, 189)  
}
```

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(168, 149, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 149, 189) }
```

Border

The CSS property to change the border of an element to XYZ 36.0812, 33.4938, 52.7074 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(168, 149, 189) }
```


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

```
.border{ border-color:rgb(168, 149, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 149, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 149, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 149, 189);  
box-shadow:4px 4px 4px 4px rgb(168, 149,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0812, 33.4938, 52.7074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 149, 189) }
```

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

```
.background{ background-color: rgb(168,  
149, 189) }
```

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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