

Converting Colors

XYZ(36.2449, 34.4763, 49.0009)

Have a look what the booklet for
XYZ(36.2449, 34.4763, 49.0009)
contains.

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Color

**XYZ(36.2493, 34.3799,
48.9814)**

Conversions

Conversions Part 1

Format	Color
Hex	AA98B6
RGB	170, 152, 182
RGB Percent	67%, 60%, 71%
CMY	0.3333, 0.4039, 0.2863
CMYK	0.07, 0.16, 0.00, 0.29
HSL	276°, 17%, 65%
HSV	276°, 16%, 71%
XYZ	36.2493, 34.3799, 48.9814
YIQ	160.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

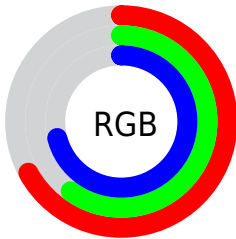
Format	Color
R_{YB}	170, 152, 182
Decimal	11180214
CIE _{Lab}	65.26, 12.33, -13.14
CIE _{LCh}	65, 18.013, 313.174
Yxy	34.3799, 0.3031, 0.2874
Android (android.graphics.Color)	4289370294 (0xFFAA98B6)
YUV	160.8020, 10.4506, 8.0666
Hunter-Lab	58.6344, 7.7432, -8.4850

Details

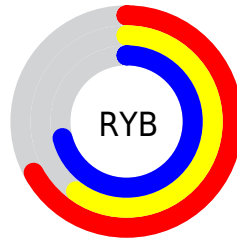
The XYZ color **36.2493, 34.3799, 48.9814** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.7065, 43.6163, 36.1388**, and the grayscale version is **33.7379, 35.4949, 38.6540**.

A 20% lighter version of the original color is **68.5553, 66.3232, 90.0773**, and **16.0873, 14.7439, 22.7668** is the 20% darker color. If you saturate the color by 10%, you get **31.9888, 28.1305, 48.0002**, and if you desaturate by 10%, it is **41.0523, 41.5837, 50.1192**.

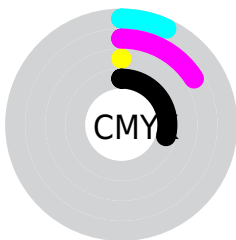
Distribution



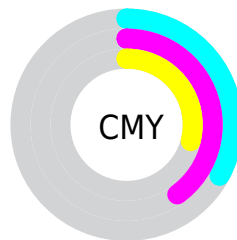
- Red (67%)
- Green (60%)
- Blue (71%)



- Red (67%)
- Yellow (60%)
- Blue (71%)



- Cyan (7%)
- Magenta (16%)
- Yellow (0%)
- Black (29%)



- Cyan (33%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2493, 34.3799, 48.9814 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 36.2493, 34.3799, 48.9814 by changing the saturation by 10% instead.

■ 36.2493, 34.3799,
48.9814

■ 36.2493, 34.3799,
48.9814

321.4611,
321.8227, 399.2895

■ 24.7978, 23.1856,
34.2392

■ 68.7380, 66.5240,
90.0445

■ 16.0544, 14.7306,
22.7986

■ 90.5060, 88.2426,
117.2026

■ 9.6537, 8.6305,
14.2410

116.4435,
114.2381, 149.3363

■ 5.2305, 4.5010,
8.1478

146.9158,
144.8949, 186.8643

■ 2.4193, 1.9576,
4.1005

182.2884,
180.5973, 230.2051

■ 0.8547, 0.5826,
1.6807

222.9266,

■ 0.0000, 0.0000,

221.7299, 279.7771

0.3474

269.1957,
268.6769, 335.9991

■ 0.0000, 0.0000,
0.0000

■ 36.2493, 34.3799,
48.9814

■ 36.2493, 34.3799,
48.9814

■ 31.9888, 28.1305,
48.0002

■ 41.0523, 41.5837,
50.1192

■ 28.2457, 22.7893,
47.1665

■ 46.4154, 49.7767,
51.4180

■ 24.9974, 18.3125,
46.4736

■ 52.3590, 58.9974,
52.8845

■ 22.2184, 14.6510,
45.9134

■ 58.9018, 69.2810,
54.5246

■ 19.8803, 11.7508,
45.4768

■ 66.0612, 80.6608,
56.3438

■ 17.9517, 9.5508,
45.1538

■ 71.8430, 89.1461,
57.6769

■ 16.3959, 7.9805,
44.9327

■ 74.0115, 90.2640,
57.7784

■ 15.1645, 6.9454,
44.7978

■ 76.2762, 91.4315,
57.8843

■ 14.7745, 6.6412,
44.7597

■ 78.6382, 92.6491,
57.9949

Harmonies

Analogous

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



33.8396, 34.3799, 53.3254



36.2493, 34.3799, 48.9814



37.7441, 34.3799, 41.7706

Triad

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



36.2493, 34.3799, 48.9814



34.1582, 34.3799, 25.2447



28.0100, 34.3799, 40.8219

Complementary

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



36.2493, 34.3799, 48.9814



37.7065, 43.6163, 36.1388

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.



28.0851, 34.3799, 33.4082



36.2493, 34.3799, 48.9814



31.5415, 34.3799, 25.0621

Square

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



36.2493, 34.3799, 48.9814



36.4932, 34.3799, 28.3985



29.3476, 34.3799, 27.8608



29.1367, 34.3799, 48.2073

Rectangle

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



36.2493, 34.3799, 48.9814



37.9736, 34.3799, 36.6400



29.3476, 34.3799, 27.8608



27.8974, 34.3799, 38.2391

Sweetspot

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



36.2503, 34.3814, 48.9822



75.7233, 77.3559, 91.1758



34.7588, 36.7844, 49.5246



16.5808, 16.8668, 20.1033



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.



36.2503, 34.3814, 48.9822



62.6273, 57.7617, 88.0840



38.7080, 35.6779, 47.7605



9.0239, 8.9787, 11.3369



10.5101, 4.7293, 31.6120



0.4383, 0.2017, 1.1176

Inverse Universe

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



37.2216, 35.0834, 39.9335



64.7987, 59.3243, 68.1579



35.5525, 42.4820, 37.1182



9.1495, 9.0702, 10.1344



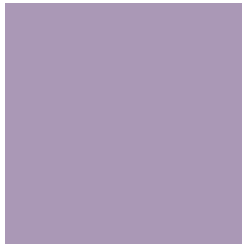
14.4990, 7.3734, 5.2486



0.5419, 0.2723, 0.3473

Previews

White Background



This preview shows how the XYZ color 36.2493, 34.3799, 48.9814 looks on a white background.

Color Contrast Check

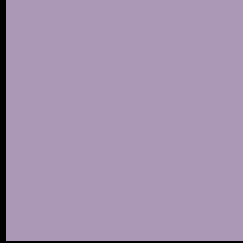
Large Text (above 18pt) WCAG AA × Fail

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 36.2493, 34.3799, 48.9814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

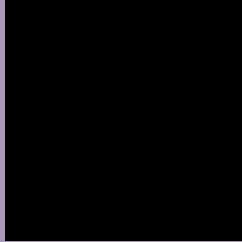
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.2493, 34.3799, 48.9814

Background



This preview shows how black text looks on a background with the XYZ color 36.2493, 34.3799, 48.9814.



This preview shows how white text looks on a background with the XYZ color 36.2493, 34.3799,

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

36.2493, 34.3799, 48.9814

Protanopia

33.9508, 34.3890, 50.7473

Deuteranopia

35.1034, 34.2751, 49.0216



Tritanopia

34.8448, 34.5575, 41.3930

Trichromacy



Original Color

36.2493, 34.3799, 48.9814

Protanomaly

34.6711, 34.2743, 50.1356

Deuteranomaly

35.5606, 34.2669, 48.9959

Tritanomaly

35.3642, 34.5248, 43.8298

Monochromacy



Original Color

36.2493, 34.3799, 48.9814

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.6981, 35.2108, 42.5037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2493, 34.3799, 48.9814 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(170, 152, 182)` looks like.

```
.text, #text, p{  
    color:rgb(170, 152, 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(170, 152, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 152, 182) }
```

Border

The CSS property to change the border of an element to XYZ 36.2493, 34.3799, 48.9814 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(170, 152, 182) }
```


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

```
.border{ border-color:rgb(170, 152, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 152, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 152, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 152, 182);  
box-shadow:4px 4px 4px 4px rgb(170, 152,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2493, 34.3799, 48.9814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 152, 182) }
```

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

```
.background{ background-color: rgb(170,  
152, 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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