

Converting Colors

XYZ(34.4473, 33.4934, 47.8260)

Have a look what the booklet for
XYZ(34.4473, 33.4934, 47.8260)
contains.

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Color

**XYZ(34.3667, 33.4331,
47.8219)**

Conversions

Conversions Part 1

Format	Color
Hex	A298B4
RGB	162, 152, 180
RGB Percent	64%, 60%, 71%
CMY	0.3647, 0.4039, 0.2941
CMYK	0.10, 0.16, 0.00, 0.29
HSL	261°, 16%, 65%
HSV	261°, 16%, 71%
XYZ	34.3667, 33.4331, 47.8219
YIQ	158.1820, -3.0280, 10.8280

Conversions

Conversions Part 2

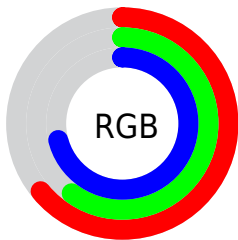
Format	Color
RYB	162, 152, 180
Decimal	10655924
CIELab	64.51, 9.18, -13.22
CIELCh	65, 16.092, 304.789
Yxy	33.4331, 0.2972, 0.2892
Android (android.graphics.Color)	4288846004 (0xFFA298B4)
YUV	158.1820, 10.7563, 3.3484
Hunter-Lab	57.8214, 4.9059, -8.5616

Details

The XYZ color **34.3667, 33.4331, 47.8219** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.5675, 43.4564, 36.0625**, and the grayscale version is **32.5365, 34.2309, 37.2774**.

A 20% lighter version of the original color is **65.8269, 64.9505, 88.4241**, and **14.9149, 14.1547, 22.0247** is the 20% darker color. If you saturate the color by 10%, you get **29.4207, 26.8713, 46.8166**, and if you desaturate by 10%, it is **39.9745, 40.9960, 48.9866**.

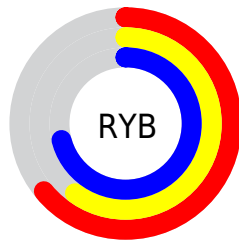
Distribution



Red (64%)

Green (60%)

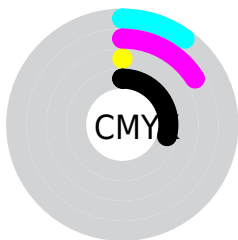
Blue (71%)



Red (64%)

Yellow (60%)

Blue (71%)

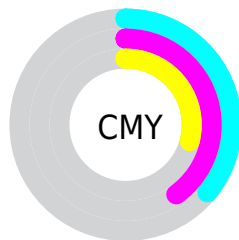


Cyan (10%)

Magenta (16%)

Yellow (0%)

Black (29%)



Cyan (36%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3667, 33.4331, 47.8219 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 34.3667, 33.4331, 47.8219 by changing the saturation by 10% instead.

■ 34.3667, 33.4331,
47.8219

■ 34.3667, 33.4331,
47.8219

313.3213,
317.5968, 394.5741

■ 23.3397, 22.4584,
33.3269

■ 65.8440, 65.0511,
88.3020

■ 14.9666, 14.1941,
22.1038

■ 87.0250, 86.4633,
115.1241

■ 8.8821, 8.2558,
13.7342

112.3214,
112.1233, 146.8923

■ 4.7209, 4.2591,
7.7994

142.0985,
142.4158, 184.0252

■ 2.1175, 1.8195,
3.8809

176.7217,
177.7249, 226.9413

■ 0.6987, 0.4993,
1.5602

216.5563,

■ 0.0000, 0.0000,

218.4352, 276.0591

0.2622

261.9677,
264.9311, 331.7972

■ 0.0000, 0.0000,
0.0000

■ 34.3667, 33.4331,
47.8219

■ 34.3667, 33.4331,
47.8219

■ 29.4207, 26.8713,
46.8166

■ 39.9745, 40.9960,
48.9866

■ 25.1077, 21.2636,
45.9615

■ 46.2652, 49.5959,
50.3150

■ 21.4011, 16.5652,
45.2500

■ 53.2628, 59.2721,
51.8139

■ 18.2715, 12.7264,
44.6739

■ 60.9893, 70.0608,
53.4891

■ 15.6863, 9.6924,
44.2246

■ 69.4654, 81.9963,
55.3462

■ 13.6097, 7.4016,
43.8918

■ 77.0940, 91.8768,
56.8512

■ 12.0007, 5.7834,
43.6643

■ 80.9631, 93.8713,
57.0323

■ 10.8095, 4.7498,
43.5276

■ 85.0839, 95.9957,
57.2251

■ 10.3708, 4.3947,
43.4822

■ 85.2383, 96.0753,
57.2324

Harmonies

Analogous

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



32.1476, 33.4331, 50.5329



34.3667, 33.4331, 47.8219



35.9469, 33.4331, 42.0665

Triad

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



34.3667, 33.4331, 47.8219



33.6976, 33.4331, 26.1079



27.5723, 33.4331, 37.4701

Complementary

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



34.3667, 33.4331, 47.8219



38.5675, 43.4564, 36.0625

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.



27.9430, 33.4331, 31.2720



34.3667, 33.4331, 47.8219



31.4095, 33.4331, 25.1880

Square

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



34.3667, 33.4331, 47.8219



35.5477, 33.4331, 29.6468



29.3211, 33.4331, 26.9639



28.2831, 33.4331, 44.1147

Rectangle

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



34.3667, 33.4331, 47.8219



36.3860, 33.4331, 37.5651



29.3211, 33.4331, 26.9639



27.5749, 33.4331, 35.2651

Sweetspot

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



34.3677, 33.4345, 47.8226



72.9877, 75.0214, 88.9283



35.6005, 38.7963, 48.7926



15.6140, 15.9957, 19.1868



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.



34.3677, 33.4345, 47.8226



58.7946, 55.9269, 85.9908



37.3267, 34.9599, 47.9611



8.3188, 8.3729, 10.6840



7.3054, 3.1019, 30.3507



0.2949, 0.1311, 0.9580

Inverse Universe

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



37.3074, 35.0635, 42.8334



65.2926, 59.5301, 74.8482



35.7389, 41.9982, 35.9302



8.7186, 8.5942, 10.0167



15.3587, 7.6610, 12.3148



0.5098, 0.2517, 0.5275

Previews

White Background



This preview shows how the XYZ color 34.3667, 33.4331, 47.8219 looks on a white background.

Color Contrast Check

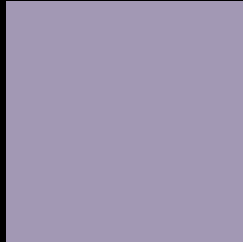
Large Text (above 18pt) WCAG AA × Fail

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 34.3667, 33.4331, 47.8219 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 34.3667, 33.4331, 47.8219

Background



This preview shows how black text looks on a background with the XYZ color 34.3667, 33.4331, 47.8219.



This preview shows how white text looks on a background with the XYZ color 34.3667, 33.4331,

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

34.3667, 33.4331, 47.8219

Protanopia

32.9273, 33.3994, 48.9672

Deuteranopia

34.1267, 33.5513, 47.8574



Tritanopia

32.9357, 33.3380, 40.7754

Trichromacy



Original Color

34.3667, 33.4331, 47.8219

Protanomaly

33.4137, 33.4160, 48.4049

Deuteranomaly

34.3274, 33.6548, 47.8668

Tritanomaly

33.4399, 33.2998, 43.1931

Monochromacy



Original Color

34.3667, 33.4331, 47.8219

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.0695, 33.9010, 40.8770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3667, 33.4331, 47.8219 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(162, 152, 180)` looks like.

```
.text, #text, p{  
    color:rgb(162, 152, 180)  
}
```

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(162, 152, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 152, 180) }
```

Border

The CSS property to change the border of an element to XYZ 34.3667, 33.4331, 47.8219 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(162, 152, 180) }
```


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

```
.border{ border-color:rgb(162, 152, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 152, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 152, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 152, 180);  
box-shadow:4px 4px 4px 4px rgb(162, 152,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3667, 33.4331, 47.8219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 152, 180) }
```

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

```
.background{ background-color: rgb(162,  
152, 180) }
```

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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