

Converting Colors

XYZ(35.2564, 32.8502, 43.5770)

Have a look what the booklet for
XYZ(35.2564, 32.8502, 43.5770)
contains.

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Color

**XYZ(35.1137, 32.7302,
43.4966)**

Conversions

Conversions Part 1

Format	Color
Hex	AD93AC
RGB	173, 147, 172
RGB Percent	68%, 58%, 67%
CMY	0.3216, 0.4235, 0.3255
CMYK	0.00, 0.15, 0.01, 0.32
HSL	302°, 14%, 63%
HSV	302°, 15%, 68%
XYZ	35.1137, 32.7302, 43.4966
YIQ	157.6240, 7.4710, 13.2870

Conversions

Conversions Part 2

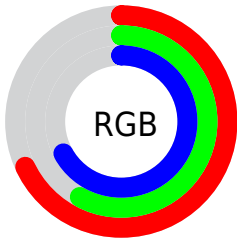
Format	Color
RYB	173, 147, 172
Decimal	11375532
CIELab	63.94, 14.19, -9.47
CIELCh	64, 17.060, 326.297
Yxy	32.7302, 0.3154, 0.2940
Android (android.graphics.Color)	4289565612 (0xFFAD93AC)
YUV	157.6240, 7.0874, 13.4848
Hunter-Lab	57.2103, 9.4390, -5.0306

Details

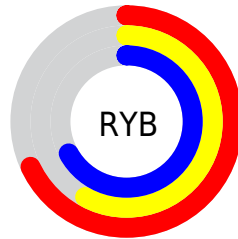
The XYZ color **35.1137, 32.7302, 43.4966** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **32.3228, 38.2293, 33.6941**, and the grayscale version is **32.2966, 33.9785, 37.0026**.

A 20% lighter version of the original color is **67.0649, 63.9774, 81.4872**, and **15.3188, 13.7149, 19.6091** is the 20% darker color. If you saturate the color by 10%, you get **32.5598, 27.7240, 42.3310**, and if you desaturate by 10%, it is **38.0744, 38.5485, 44.8001**.

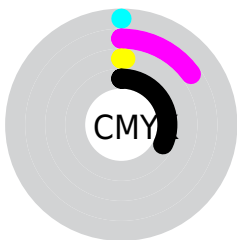
Distribution



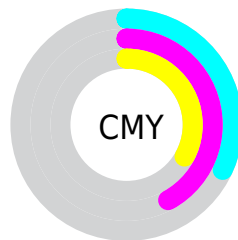
- Red (68%)
- Green (58%)
- Blue (67%)



- Red (68%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (32%)





- Cyan (32%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1137, 32.7302, 43.4966 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 35.1137, 32.7302, 43.4966 by changing the saturation by 10% instead.


 35.1137, 32.7302,
43.4966


 35.1137, 32.7302,
43.4966


316.5691,
314.4322, 376.6311

 23.9174, 21.9198,
29.9407


 66.9947, 63.9541,
81.7541

 15.3968, 13.7980,
19.5419


 88.4102, 85.1364,
107.2927

 9.1864, 7.9803,
11.8817


113.9627,
110.5448, 137.6627

 4.9211, 4.0824,
6.5416

144.0177,
140.5637, 173.2825

 2.2353, 1.7197,
3.1031

178.9405,
175.5775, 214.5707

 0.7612, 0.4364,
1.1475

219.0964,

 0.0000, 0.0000,

215.9706, 261.9459

0.0000

264.8508,
262.1274, 315.8265

■ 35.1137, 32.7302,
43.4966

■ 35.1137, 32.7302,
43.4966

■ 32.5598, 27.7240,
42.3310

■ 38.0744, 38.5485,
44.8001

■ 30.3919, 23.4897,
41.2953

■ 41.4559, 45.2084,
46.2451

■ 28.5915, 19.9899,
40.3837

■ 45.2750, 52.7431,
47.8375

■ 27.1375, 17.1826,
39.5891

■ 49.5470, 61.1829,
49.5825

■ 26.0069, 15.0214,
38.9039

■ 54.2861, 70.5564,
51.4848

■ 25.1737, 13.4544,
38.3194

■ 59.5060, 80.8911,
53.5489

■ 24.6078, 12.4215,
37.8255

■ 60.8959, 83.5652,
54.3379

■ 24.2723, 11.8492,
37.4101

■ 60.9622, 83.5917,
54.6874

■ 24.1485, 11.6502,
37.2184

■ 61.0289, 83.6184,
55.0386

Harmonies

Analogous

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



33.2014, 32.7302, 48.8668



35.1137, 32.7302, 43.4966



35.9517, 32.7302, 36.4991

Triad

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



35.1137, 32.7302, 43.4966



31.4085, 32.7302, 23.9958



27.1477, 32.7302, 41.8277

Complementary

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



35.1137, 32.7302, 43.4966



32.3228, 38.2293, 33.6941

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.



26.7220, 32.7302, 34.7898



35.1137, 32.7302, 43.4966



29.1065, 32.7302, 25.0415

Square

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



35.1137, 32.7302, 43.4966



33.7442, 32.7302, 25.7231



27.4211, 32.7302, 28.7873



28.6149, 32.7302, 47.8195

Rectangle

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



35.1137, 32.7302, 43.4966



35.7583, 32.7302, 32.0516



27.4211, 32.7302, 28.7873



26.8814, 32.7302, 39.4816

Sweetspot

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



35.1147, 32.7316, 43.4973



68.1544, 68.9705, 80.2190



30.1666, 30.1697, 43.7692



14.7283, 14.8252, 17.3973



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



35.1147, 32.7316, 43.4973



61.3053, 55.5150, 77.1874



33.9380, 32.2610, 37.3011



8.3236, 8.1427, 10.0147



17.7454, 8.5607, 27.3684



0.4977, 0.2398, 0.7825

Inverse Universe

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



35.1147, 32.7316, 43.4973



61.3053, 55.5150, 77.1874



33.3986, 38.6596, 39.3595



8.3236, 8.1427, 10.0147



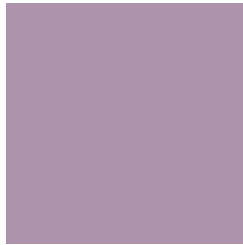
17.7454, 8.5607, 27.3684



0.4977, 0.2398, 0.7825

Previews

White Background



This preview shows how the XYZ color 35.1137, 32.7302, 43.4966 looks on a white background.

Color Contrast Check

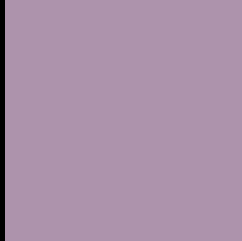
Large Text (above 18pt) WCAG AA × Fail

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 35.1137, 32.7302, 43.4966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

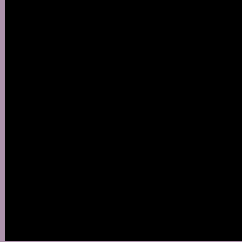
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1137, 32.7302, 43.4966

Background



This preview shows how black text looks on a background with the XYZ color 35.1137, 32.7302, 43.4966.



This preview shows how white text looks on a background with the XYZ color 35.1137, 32.7302,

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

35.1137, 32.7302, 43.4966

Protanopia

32.1546, 32.8251, 45.7154

Deuteranopia

33.5216, 32.8600, 43.1039



Tritanopia

33.9751, 32.7260, 38.2443

Trichromacy



Original Color

35.1137, 32.7302, 43.4966

Protanomaly

33.1025, 32.5993, 45.1050

Deuteranomaly

34.1934, 32.9685, 43.0894

Tritanomaly

34.3947, 32.6671, 40.0899

Monochromacy



Original Color

35.1137, 32.7302, 43.4966

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.2707, 33.5421, 39.3710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1137, 32.7302, 43.4966 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(173, 147, 172)` looks like.

```
.text, #text, p{  
    color:rgb(173, 147, 172)  
}
```

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(173, 147, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 147, 172) }
```

Border

The CSS property to change the border of an element to XYZ 35.1137, 32.7302, 43.4966 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(173, 147, 172) }
```


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

```
.border{ border-color:rgb(173, 147, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 147, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 147, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 147, 172);  
box-shadow:4px 4px 4px 4px rgb(173, 147,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1137, 32.7302, 43.4966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 147, 172) }
```

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

```
.background{ background-color: rgb(173,  
147, 172) }
```

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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