

Converting Colors

XYZ(34.5288, 32.0820, 46.7813)

Have a look what the booklet for
XYZ(34.5288, 32.0820, 46.7813)
contains.

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Color

**XYZ(34.5640, 32.1373,
47.0292)**

Conversions

Conversions Part 1

Format	Color
Hex	A892B3
RGB	168, 146, 179
RGB Percent	66%, 57%, 70%
CMY	0.3412, 0.4274, 0.2980
CMYK	0.06, 0.18, 0.00, 0.30
HSL	280°, 18%, 64%
HSV	280°, 18%, 70%
XYZ	34.5640, 32.1373, 47.0292
YIQ	156.3400, 2.5190, 14.9270

Conversions

Conversions Part 2

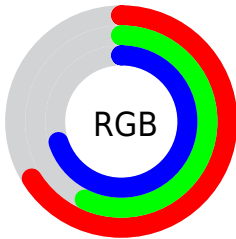
Format	Color
R _Y B	168, 146, 179
Decimal	11047603
CIE Lab	63.46, 14.40, -14.19
CIE LCh	63, 20.219, 315.433
Yxy	32.1373, 0.3039, 0.2826
Android (android.graphics.Color)	4289237683 (0xFFA892B3)
YUV	156.3400, 11.1714, 10.2258
Hunter-Lab	56.6898, 9.6251, -9.5035

Details

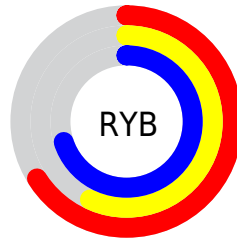
The XYZ color **34.5640, 32.1373, 47.0292** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.2142, 41.4845, 33.3471**, and the grayscale version is **31.7035, 33.3545, 36.3231**.

A 20% lighter version of the original color is **66.0811, 62.9947, 87.2736**, and **15.0606, 13.4038, 21.5321** is the 20% darker color. If you saturate the color by 10%, you get **30.7767, 26.4051, 46.1229**, and if you desaturate by 10%, it is **38.8436, 38.7663, 48.0837**.

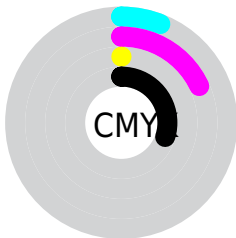
Distribution



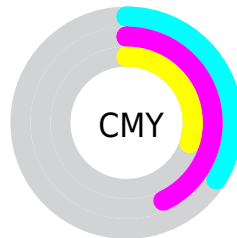
- Red (66%)
- Green (57%)
- Blue (70%)



- Red (66%)
- Yellow (57%)
- Blue (70%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)
- Black (30%)



- Cyan (34%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5640, 32.1373, 47.0292 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 34.5640, 32.1373, 47.0292 by changing the saturation by 10% instead.

■ 34.5640, 32.1373,
47.0292

■ 34.5640, 32.1373,
47.0292

314.1815,
311.7442, 391.3282

■ 23.4922, 21.4664,
32.7042

■ 66.1483, 63.0263,
87.1076

■ 15.0800, 13.4653,
21.6307

■ 87.3914, 84.0131,
113.6982

■ 8.9622, 7.7498,
13.3901

112.7557,
109.2074, 145.2144

■ 4.7735, 3.9352,
7.5638

142.6064,
138.9935, 182.0747

■ 2.1484, 1.6374,
3.7334

177.3090,
173.7559, 224.6977

■ 0.7153, 0.3826,
1.4803

217.2288,

■ 0.0000, 0.0000,

213.8788, 273.5019

0.2032

262.7312,
259.7468, 328.9059

■ 0.0000, 0.0000,
0.0000

■ 34.5640, 32.1373,
47.0292

■ 34.5640, 32.1373,
47.0292

■ 30.7767, 26.4051,
46.1229

■ 38.8436, 38.7663,
48.0837

■ 27.4580, 21.5252,
45.3559

■ 43.6320, 46.3260,
49.2904

■ 24.5864, 17.4553,
44.7216

■ 48.9486, 54.8533,
50.6562

■ 22.1374, 14.1476,
44.2123

■ 54.8109, 64.3820,
52.1864

■ 20.0842, 11.5495,
43.8190

■ 61.2354, 74.9442,
53.8865

■ 18.3962, 9.6014,
43.5320

■ 68.2379, 86.5706,
55.7616

■ 17.0379, 8.2335,
43.3395

■ 70.4099, 88.4427,
56.0084

■ 15.9497, 7.3276,
43.2220

■ 72.1383, 89.3337,
56.0893

■ 15.7899, 7.2001,
43.2058

■ 73.9306, 90.2577,
56.1732

Harmonies

Analogous

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



32.0079, 32.1373, 52.1520



34.5640, 32.1373, 47.0292



36.0863, 32.1373, 39.0352

Triad

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



34.5640, 32.1373, 47.0292



31.9265, 32.1373, 22.0369



25.6219, 32.1373, 39.2790

Complementary

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



34.5640, 32.1373, 47.0292



35.2142, 41.4845, 33.3471

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.



25.6031, 32.1373, 31.2382



34.5640, 32.1373, 47.0292



29.1284, 32.1373, 22.0814

Square

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



34.5640, 32.1373, 47.0292



34.5013, 32.1373, 25.0741



26.8513, 32.1373, 25.2070



26.9044, 32.1373, 47.2311

Rectangle

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



34.5640, 32.1373, 47.0292



36.2537, 32.1373, 33.5455



26.8513, 32.1373, 25.2070



25.4704, 32.1373, 36.4796

Sweetspot

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



34.5650, 32.1387, 47.0299



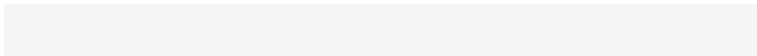
71.4846, 72.4352, 86.5949



32.1423, 33.6675, 47.4527



15.7196, 15.8630, 19.1556



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.



34.5650, 32.1387, 47.0299



59.1300, 53.3283, 83.5581



36.5151, 33.2008, 44.5545



8.5693, 8.5020, 10.6957



11.2289, 5.1245, 30.5343



0.4121, 0.1915, 0.9635

Inverse Universe

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



34.9562, 32.5773, 36.3456



60.0136, 54.2895, 60.7523



33.5572, 40.5848, 35.3234



8.6093, 8.5504, 9.4412



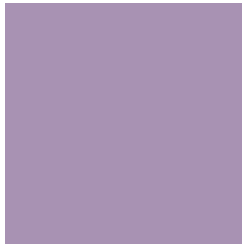
13.7345, 7.0113, 3.7618



0.4599, 0.2317, 0.2646

Previews

White Background



This preview shows how the XYZ color 34.5640, 32.1373, 47.0292 looks on a white background.

Color Contrast Check

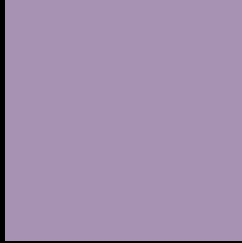
Large Text (above 18pt) WCAG AA × Fail

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 34.5640, 32.1373, 47.0292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

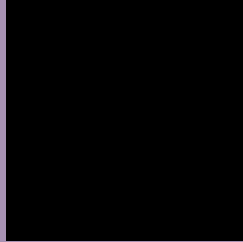
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.5640, 32.1373, 47.0292

Background



This preview shows how black text looks on a background with the XYZ color 34.5640, 32.1373, 47.0292.



This preview shows how white text looks on a background with the XYZ color 34.5640, 32.1373,

47.0292.

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

34.5640, 32.1373, 47.0292

Protanopia

31.8081, 32.0784, 49.3150

Deuteranopia

32.8469, 32.1951, 46.6025



Tritanopia

32.6975, 32.0674, 38.1845

Trichromacy



Original Color

34.5640, 32.1373, 47.0292

Protanomaly

32.8674, 32.1587, 48.7309

Deuteranomaly

33.4813, 32.2863, 46.5867

Tritanomaly

33.3837, 32.1140, 41.4849

Monochromacy



Original Color

34.5640, 32.1373, 47.0292

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.4263, 32.6104, 39.7073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5640, 32.1373, 47.0292 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, 146, 179)` looks like.

```
.text, #text, p{  
    color:rgb(168, 146, 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(168, 146, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 146, 179) }
```

Border

The CSS property to change the border of an element to XYZ 34.5640, 32.1373, 47.0292 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, 146, 179) }
```


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

```
.border{ border-color:rgb(168, 146, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 146, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 146, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 146, 179);  
box-shadow:4px 4px 4px 4px rgb(168, 146,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5640, 32.1373, 47.0292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 146, 179) }
```

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

```
.background{ background-color: rgb(168,  
146, 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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