

Converting Colors

XYZ(34.4460, 32.7139, 41.3407)

Have a look what the booklet for
XYZ(34.4460, 32.7139, 41.3407)
contains.

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Color

**XYZ(34.4524, 32.6649,
41.5349)**

Conversions

Conversions Part 1

Format	Color
Hex	AB94A8
RGB	171, 148, 168
RGB Percent	67%, 58%, 66%
CMY	0.3294, 0.4196, 0.3412
CMYK	0.00, 0.13, 0.02, 0.33
HSL	308°, 12%, 63%
HSV	308°, 13%, 67%
XYZ	34.4524, 32.6649, 41.5349
YIQ	157.1570, 7.2880, 11.0960

Conversions

Conversions Part 2

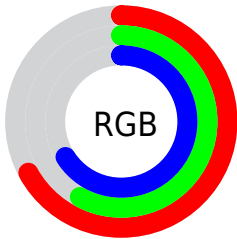
Format	Color
RYB	171, 148, 168
Decimal	11244712
CIELab	63.89, 12.16, -7.31
CIELCh	64, 14.184, 328.980
Yxy	32.6649, 0.3171, 0.3006
Android (android.graphics.Color)	4289434792 (0xFFAB94A8)
YUV	157.1570, 5.3456, 12.1403
Hunter-Lab	57.1532, 7.5831, -3.0805

Details

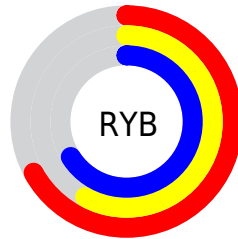
The XYZ color **34.4524, 32.6649, 41.5349** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3629, 37.6571, 34.8428**, and the grayscale version is **32.0937, 33.7650, 36.7701**.

A 20% lighter version of the original color is **65.8038, 63.7375, 78.6464**, and **15.0348, 13.7323, 18.3812** is the 20% darker color. If you saturate the color by 10%, you get **31.7601, 27.6096, 39.6212**, and if you desaturate by 10%, it is **37.5464, 38.5170, 43.6009**.

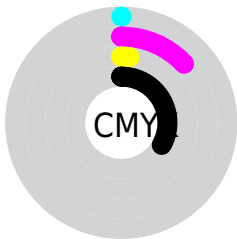
Distribution



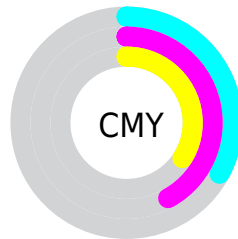
- Red (67%)
- Green (58%)
- Blue (66%)



- Red (67%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (33%)





- Cyan (33%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4524, 32.6649, 41.5349 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 34.4524, 32.6649, 41.5349 by changing the saturation by 10% instead.


 34.4524, 32.6649,
41.5349


 34.4524, 32.6649,
41.5349


313.6951,
314.1370, 368.2939

 23.4059, 21.8699,
28.4144


 65.9762, 63.8520,
78.7577

 15.0158, 13.7613,
18.3965

 87.1842, 85.0129,
103.6971

 8.9169, 7.9548,
11.0627

112.5101,
110.3978, 133.4133

 4.7437, 4.0661,
5.9943

142.3192,
140.3911, 168.3247

 2.1309, 1.7106,
2.7729

176.9769,
175.3773, 208.8499

 0.7059, 0.4305,
0.9799

216.8486,

 0.0000, 0.0000,

215.7408, 255.4075

0.0000

262.2995,
261.8659, 308.4160

■ 34.4524, 32.6649,
41.5349

■ 34.4524, 32.6649,
41.5349

■ 31.7601, 27.6096,
39.6212

■ 37.5464, 38.5170,
43.6009

■ 29.4493, 23.3122,
37.8517

■ 41.0556, 45.1941,
45.8226

■ 27.5025, 19.7369,
36.2210

■ 44.9962, 52.7282,
48.2059

■ 25.8993, 16.8434,
34.7221

■ 49.3828, 61.1486,
50.7557

■ 24.6177, 14.5874,
33.3478

■ 54.2292, 70.4830,
53.4767

■ 23.6328, 12.9194,
32.0894

■ 59.5489, 80.7578,
56.3735

■ 22.9164, 11.7826,
30.9377

■ 61.1665, 83.6227,
58.0543

■ 22.4343, 11.1091,
29.8810

■ 61.4016, 83.7168,
59.2926

■ 22.1951, 10.8182,
29.2234

■ 61.6405, 83.8123,
60.5503

Harmonies

Analogous

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



32.9432, 32.6649, 46.0706



34.4524, 32.6649, 41.5349



35.0432, 32.6649, 35.7626

Triad

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



34.4524, 32.6649, 41.5349



31.1154, 32.6649, 25.6727



27.8102, 32.6649, 41.1602

Complementary

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



34.4524, 32.6649, 41.5349



32.3629, 37.6571, 34.8428

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.



27.3668, 32.6649, 35.3712



34.4524, 32.6649, 41.5349



29.2250, 32.6649, 26.7943

Square

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



34.4524, 32.6649, 41.5349



33.0665, 32.6649, 26.9566



27.8738, 32.6649, 30.1992



29.1115, 32.6649, 45.8385

Rectangle

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



34.4524, 32.6649, 41.5349



34.8182, 32.6649, 32.1113



27.8738, 32.6649, 30.1992



27.5584, 32.6649, 39.2612

Sweetspot

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



34.4534, 32.6663, 41.5356



66.8767, 68.2864, 77.8477



30.6458, 30.6708, 42.8335



14.8177, 15.0460, 17.2976



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.



34.4534, 32.6663, 41.5356



60.2648, 55.7942, 73.3883



33.4558, 32.2673, 36.2825



8.2914, 8.1298, 9.8455



16.7453, 8.1607, 22.1022



0.4781, 0.2319, 0.6793

Inverse Universe

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



34.4534, 32.6663, 41.5356



60.2648, 55.7942, 73.3883



33.3147, 38.0378, 39.8551



8.2914, 8.1298, 9.8455



16.7453, 8.1607, 22.1022



0.4781, 0.2319, 0.6793

Previews

White Background



This preview shows how the XYZ color 34.4524, 32.6649, 41.5349 looks on a white background.

Color Contrast Check

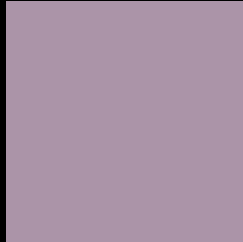
Large Text (above 18pt) WCAG AA × Fail

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 34.4524, 32.6649, 41.5349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

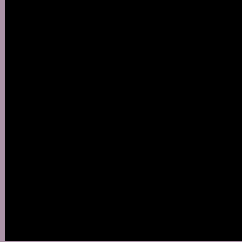
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4524, 32.6649, 41.5349

Background



This preview shows how black text looks on a background with the XYZ color 34.4524, 32.6649, 41.5349.



This preview shows how white text looks on a background with the XYZ color 34.4524, 32.6649,

41.5349.

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

34.4524, 32.6649, 41.5349

Protanopia

32.1389, 32.8621, 43.6788

Deuteranopia

33.4443, 32.8529, 41.6243



Tritanopia

33.7580, 32.6141, 38.2341

Trichromacy



Original Color

34.4524, 32.6649, 41.5349

Protanomaly

33.0761, 32.8703, 43.1294

Deuteranomaly

33.9106, 32.8553, 41.6002

Tritanomaly

34.0258, 32.7213, 39.6444

Monochromacy



Original Color

34.4524, 32.6649, 41.5349

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.8889, 33.3658, 38.4250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4524, 32.6649, 41.5349 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(171, 148, 168)` looks like.

```
.text, #text, p{  
    color:rgb(171, 148, 168)  
}
```

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(171, 148, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 148, 168) }
```

Border

The CSS property to change the border of an element to XYZ 34.4524, 32.6649, 41.5349 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(171, 148, 168) }
```


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

```
.border{ border-color:rgb(171, 148, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 148, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 148, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 148, 168);  
box-shadow:4px 4px 4px 4px rgb(171, 148,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4524, 32.6649, 41.5349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 148, 168) }
```

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

```
.background{ background-color: rgb(171,  
148, 168) }
```

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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