

Converting Colors

XYZ(34.3326, 34.4245, 47.3638)

Have a look what the booklet for
XYZ(34.3326, 34.4245, 47.3638)
contains.

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Color

**XYZ(34.3232, 34.4025,
47.4791)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9CB3
RGB	159, 156, 179
RGB Percent	62%, 61%, 70%
CMY	0.3765, 0.3882, 0.2980
CMYK	0.11, 0.13, 0.00, 0.30
HSL	248°, 13%, 66%
HSV	248°, 13%, 70%
XYZ	34.3232, 34.4025, 47.4791
YIQ	159.5190, -5.5950, 7.7890

Conversions

Conversions Part 2

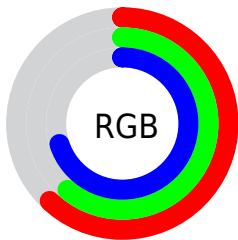
Format	Color
RYB	159, 156, 179
Decimal	10460339
CIELab	65.28, 5.71, -11.52
CIELCh	65, 12.860, 296.356
Yxy	34.4025, 0.2954, 0.2961
Android (android.graphics.Color)	4288650419 (0xFF9F9CB3)
YUV	159.5190, 9.6041, -0.4552
Hunter-Lab	58.6536, 1.8115, -6.9367

Details

The XYZ color **34.3232, 34.4025, 47.4791** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0265, 43.8714, 37.8125**, and the grayscale version is **33.1524, 34.8789, 37.9831**.

A 20% lighter version of the original color is **65.7735, 66.3875, 87.9447**, and **14.8809, 14.7353, 21.7986** is the 20% darker color. If you saturate the color by 10%, you get **28.6433, 27.3399, 46.4158**, and if you desaturate by 10%, it is **40.8367, 42.5537, 48.7097**.

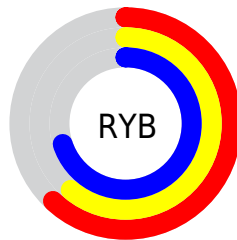
Distribution



Red (62%)

Green (61%)

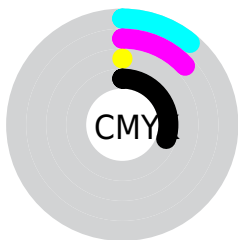
Blue (70%)



Red (62%)

Yellow (61%)

Blue (70%)

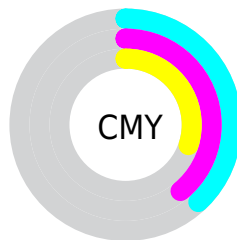


Cyan (11%)

Magenta (13%)

Yellow (0%)

Black (30%)



Cyan (38%)

Magenta (39%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3232, 34.4025, 47.4791 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 34.3232, 34.4025, 47.4791 by changing the saturation by 10% instead.

■ 34.3232, 34.4025,
47.4791

■ 34.3232, 34.4025,
47.4791

313.1314,
321.9231, 393.1727

■ 23.3061, 23.2030,
33.0575

■ 65.7769, 66.5591,
87.7858

■ 14.9416, 14.7435,
21.8990

■ 86.9442, 88.2850,
114.5080

■ 8.8645, 8.6395,
13.5851

112.2256,
114.2884, 146.1674

■ 4.7093, 4.5068,
7.6972

141.9864,
144.9538, 183.1827

■ 2.1107, 1.9609,
3.8169

176.5921,
180.6656, 225.9723

■ 0.6950, 0.5846,
1.5254

216.4079,

■ 0.0000, 0.0000,

221.8082, 274.9548

0.2368

261.7992,
268.7658, 330.5487

■ 0.0000, 0.0000,
0.0000

■ 34.3232, 34.4025,
47.4791

■ 34.3232, 34.4025,
47.4791

■ 28.6433, 27.3399,
46.4158

■ 40.8367, 42.5537,
48.7097

■ 23.7600, 21.3156,
45.5104

■ 48.2122, 51.8324,
50.1119

■ 19.6386, 16.2818,
44.7559

■ 56.4811, 62.2809,
51.6929

■ 16.2401, 12.1850,
44.1443

■ 65.6718, 73.9381,
53.4585

■ 13.5223, 8.9670,
43.6664

■ 75.8117, 86.8410,
55.4146

■ 11.4386, 6.5627,
43.3122

■ 84.1871, 95.5451,
56.6532

■ 9.9362, 4.8982,
43.0701

■ 85.1368, 96.0347,
56.6977

■ 8.9534, 3.8856,
42.9264

■ 8.4978, 3.4408,
42.8646

Harmonies

Analogous

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



32.4702, 34.4025, 48.7207



34.3232, 34.4025, 47.4791



35.7886, 34.4025, 43.4670

Triad

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



34.3232, 34.4025, 47.4791



34.7343, 34.4025, 29.5130



29.2352, 34.4025, 36.8068

Complementary

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



34.3232, 34.4025, 47.4791



40.0265, 43.8714, 37.8125

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.



29.7917, 34.4025, 32.0308



34.3232, 34.4025, 47.4791



32.9279, 34.4025, 28.0811

Square

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



34.3232, 34.4025, 47.4791



36.0322, 34.4025, 33.0645



31.1260, 34.4025, 28.9574



29.5771, 34.4025, 42.2254

Rectangle

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



34.3232, 34.4025, 47.4791



36.3238, 34.4025, 39.9440



31.1260, 34.4025, 28.9574



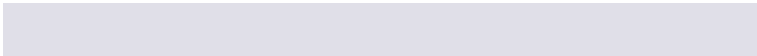
29.3229, 34.4025, 35.0782

Sweetspot

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



34.3242, 34.4039, 47.4799



71.6320, 74.3243, 86.9518



37.4355, 41.4985, 48.6853



15.6681, 16.2133, 19.2259



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.



34.3242, 34.4039, 47.4799



58.8916, 58.3977, 84.5491



36.6435, 35.5996, 47.5884



8.1416, 8.2815, 10.6757



6.0371, 2.4481, 30.2913



0.2225, 0.0938, 0.9546

Inverse Universe

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



38.3165, 36.4967, 46.1009



67.2523, 62.7813, 81.6178



37.6008, 42.6210, 37.6990



8.8014, 8.6273, 10.4527



17.3743, 8.4673, 22.9287



0.5599, 0.2717, 0.7909

Previews

White Background



This preview shows how the XYZ color 34.3232, 34.4025, 47.4791 looks on a white background.

Color Contrast Check

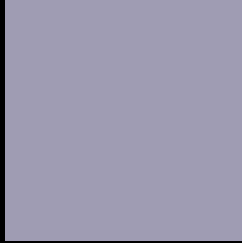
Large Text (above 18pt) WCAG AA × Fail

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 34.3232, 34.4025, 47.4791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

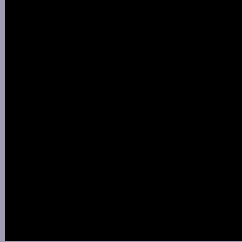
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3232, 34.4025, 47.4791

Background



This preview shows how black text looks on a background with the XYZ color 34.3232, 34.4025, 47.4791.



This preview shows how white text looks on a background with the XYZ color 34.3232, 34.4025,

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

34.3232, 34.4025, 47.4791

Protanopia

33.8128, 34.3778, 48.0335

Deuteranopia

35.0021, 34.2584, 47.4155



Tritanopia

33.3872, 34.5241, 42.9343

Trichromacy



Original Color

34.3232, 34.4025, 47.4791

Protanomaly

34.0055, 34.4771, 48.0425

Deuteranomaly

34.7583, 34.3787, 47.4516

Tritanomaly

33.7003, 34.4002, 44.3989

Monochromacy



Original Color

34.3232, 34.4025, 47.4791

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.8704, 35.0599, 41.5413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3232, 34.4025, 47.4791 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(159, 156, 179)` looks like.

```
.text, #text, p{  
    color:rgb(159, 156, 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(159, 156, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 156, 179) }
```

Border

The CSS property to change the border of an element to XYZ 34.3232, 34.4025, 47.4791 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(159, 156, 179) }
```


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

```
.border{ border-color:rgb(159, 156, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 156, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 156, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 156, 179); box-shadow:4px 4px 4px 4px rgb(159, 156, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3232, 34.4025, 47.4791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 156, 179) }
```

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

```
.background{ background-color: rgb(159,  
156, 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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