

Converting Colors

XYZ(33.5390, 33.9613, 47.2932)

Have a look what the booklet for
XYZ(33.5390, 33.9613, 47.2932)
contains.

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Color

**XYZ(33.5427, 34.0002,
47.4426)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9CB3
RGB	155, 156, 179
RGB Percent	61%, 61%, 70%
CMY	0.3922, 0.3882, 0.2980
CMYK	0.13, 0.13, 0.00, 0.30
HSL	237°, 14%, 65%
HSV	237°, 13%, 70%
XYZ	33.5427, 34.0002, 47.4426
YIQ	158.3230, -7.9790, 6.9410

Conversions

Conversions Part 2

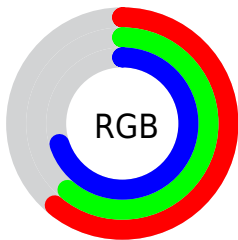
Format	Color
RYB	155, 156, 179
Decimal	10198195
CIELab	64.96, 4.36, -12.03
CIELCh	65, 12.798, 289.920
Yxy	34.0002, 0.2917, 0.2957
Android (android.graphics.Color)	4288388275 (0xFF9B9CB3)
YUV	158.3230, 10.1938, -2.9143
Hunter-Lab	58.3097, 0.6403, -7.4234

Details

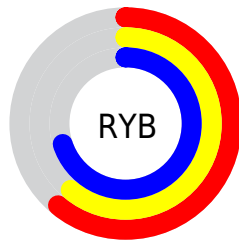
The XYZ color **33.5427, 34.0002, 47.4426** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4273, 43.7907, 37.3327**, and the grayscale version is **32.6046, 34.3026, 37.3555**.

A 20% lighter version of the original color is **64.6203, 65.7930, 87.8907**, and **14.5264, 14.5526, 21.7820** is the 20% darker color. If you saturate the color by 10%, you get **27.6810, 27.0038, 46.4016**, and if you desaturate by 10%, it is **40.3222, 42.0748, 48.6444**.

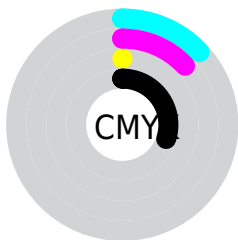
Distribution



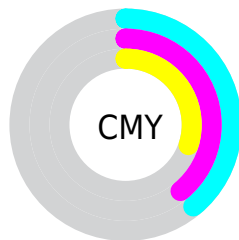
- Red (61%)
- Green (61%)
- Blue (70%)



- Red (61%)
- Yellow (61%)
- Blue (70%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (30%)



- Cyan (39%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5427, 34.0002, 47.4426 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 33.5427, 34.0002, 47.4426 by changing the saturation by 10% instead.

■ 33.5427, 34.0002,
47.4426

■ 33.5427, 34.0002,
47.4426

309.7100,
320.1329, 393.0232

■ 22.7037, 22.8938,
33.0288

■ 64.5709, 65.9340,
87.7308

■ 14.4944, 14.5151,
21.8772

■ 85.4909, 87.5301,
114.4423

■ 8.5493, 8.4798,
13.5693

110.5019,
113.3916, 146.0902

■ 4.5031, 4.4034,
7.6864

139.9693,
143.9028, 183.0929

■ 1.9905, 1.9017,
3.8101

174.2585,
179.4481, 225.8690

■ 0.6286, 0.5494,
1.5217

213.7347,

■ 0.0000, 0.0000,

220.4120, 274.8371

0.2340

258.7635,
267.1788, 330.4156

■ 0.0000, 0.0000,
0.0000

■ 33.5427, 34.0002,
47.4426

■ 33.5427, 34.0002,
47.4426

■ 27.6810, 27.0038,
46.4016

■ 40.3222, 42.0748,
48.6444

■ 22.6948, 21.0361,
45.5126

■ 48.0532, 51.2662,
50.0110

■ 18.5429, 16.0498,
44.7689

■ 56.7717, 61.6161,
51.5492

■ 15.1797, 11.9923,
44.1630

■ 66.5108, 73.1628,
53.2647

■ 12.5553, 8.8063,
43.6864

■ 77.3021, 85.9430,
55.1627

■ 10.6141, 6.4277,
43.3296

■ 85.1368, 96.0347,
56.6977

■ 9.2925, 4.7841,
43.0820

■ 8.5149, 3.7899,
42.9311

■ 8.2179, 3.4170,
42.8747

Harmonies

Analogous

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



31.6978, 34.0002, 47.9779



33.5427, 34.0002, 47.4426



35.1136, 34.0002, 43.9712

Triad

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



33.5427, 34.0002, 47.4426



34.6599, 34.0002, 29.7632



28.9405, 34.0002, 35.2666

Complementary

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



33.5427, 34.0002, 47.4426



40.4273, 43.7907, 37.3327

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.



29.6714, 34.0002, 30.8437



33.5427, 34.0002, 47.4426



32.9425, 34.0002, 27.8729

Square

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



33.5427, 34.0002, 47.4426



35.7755, 34.0002, 33.6585



31.1199, 34.0002, 28.2487



29.0874, 34.0002, 40.5991

Rectangle

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



33.5427, 34.0002, 47.4426



35.7718, 34.0002, 40.6277



31.1199, 34.0002, 28.2487



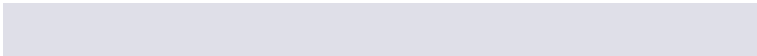
29.0906, 34.0002, 33.6333

Sweetspot

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



33.5437, 34.0016, 47.4434



71.3619, 74.3388, 86.9688



37.6540, 42.4157, 48.2172



15.5979, 16.2171, 19.2304



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.



33.5437, 34.0016, 47.4434



56.9048, 57.1142, 84.4061



35.5426, 34.7834, 47.4889



8.0695, 8.2852, 10.6802



5.8191, 2.4386, 30.3010



0.1925, 0.0955, 0.9565

Inverse Universe

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



36.3133, 35.4274, 36.3784



62.8103, 60.1665, 60.8099



38.2281, 42.9541, 37.2871



8.5103, 8.5108, 8.9195



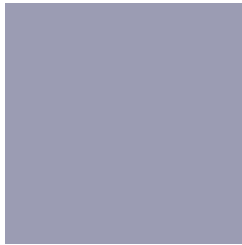
13.1719, 6.7863, 0.7991



0.4192, 0.2154, 0.0501

Previews

White Background



This preview shows how the XYZ color 33.5427, 34.0002, 47.4426 looks on a white background.

Color Contrast Check

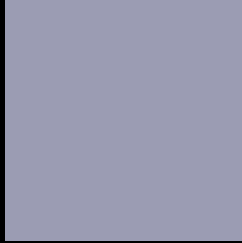
Large Text (above 18pt) WCAG AA × Fail

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 33.5427, 34.0002, 47.4426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

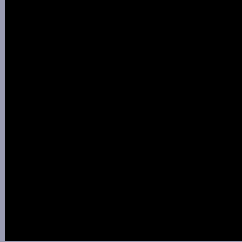
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5427, 34.0002, 47.4426

Background



This preview shows how black text looks on a background with the XYZ color 33.5427, 34.0002, 47.4426.



This preview shows how white text looks on a background with the XYZ color 33.5427, 34.0002,

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

33.5427, 34.0002, 47.4426

Protanopia

33.3516, 33.9016, 47.4337

Deuteranopia

34.5926, 34.0473, 47.3964



Tritanopia

32.6194, 34.1283, 42.8984

Trichromacy



Original Color

33.5427, 34.0002, 47.4426

Protanomaly

33.3516, 33.9016, 47.4337

Deuteranomaly

34.1561, 34.0683, 47.4234

Tritanomaly

32.9262, 34.0011, 44.3626

Monochromacy



Original Color

33.5427, 34.0002, 47.4426

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.8445, 34.0352, 40.9148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5427, 34.0002, 47.4426 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(155, 156, 179)` looks like.

```
.text, #text, p{  
    color:rgb(155, 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(155, 156, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 156, 179) }
```

Border

The CSS property to change the border of an element to XYZ 33.5427, 34.0002, 47.4426 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(155, 156, 179) }
```


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

```
.border{ border-color:rgb(155, 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(155, 156, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 156, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 156, 179);  
box-shadow:4px 4px 4px 4px rgb(155, 156,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5427, 34.0002, 47.4426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 156, 179) }
```

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

```
.background{ background-color: rgb(155,  
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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