

Converting Colors

XYZ(34.1281, 35.2109, 43.5428)

Have a look what the booklet for
XYZ(34.1281, 35.2109, 43.5428)
contains.

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Color

**XYZ(34.0469, 35.1075,
43.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9FAB
RGB	159, 159, 171
RGB Percent	62%, 62%, 67%
CMY	0.3765, 0.3765, 0.3294
CMYK	0.07, 0.07, 0.00, 0.33
HSL	240°, 7%, 65%
HSV	240°, 7%, 67%
XYZ	34.0469, 35.1075, 43.5100
YIQ	160.3680, -3.8520, 3.7320

Conversions

Conversions Part 2

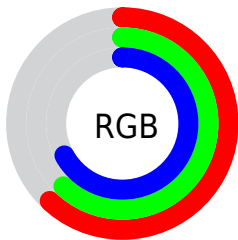
Format	Color
RYB	159, 159, 171
Decimal	10461099
CIELab	65.83, 2.37, -6.22
CIELCh	66, 6.660, 290.882
Yxy	35.1075, 0.3022, 0.3116
Android (android.graphics.Color)	4288651179 (0xFF9F9FAB)
YUV	160.3680, 5.2416, -1.1997
Hunter-Lab	59.2516, -1.1213, -2.0621

Details

The XYZ color **34.0469, 35.1075, 43.5100** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.6155, 40.2865, 38.5950**, and the grayscale version is **33.5621, 35.3100, 38.4525**.

A 20% lighter version of the original color is **65.5056, 67.8803, 81.6012**, and **14.8767, 15.2452, 19.6113** is the 20% darker color. If you saturate the color by 10%, you get **28.1484, 28.0008, 42.4497**, and if you desaturate by 10%, it is **40.8232, 43.2723, 44.7294**.

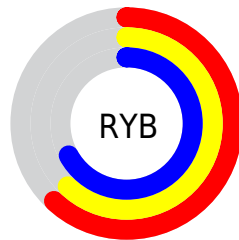
Distribution



Red (62%)

Green (62%)

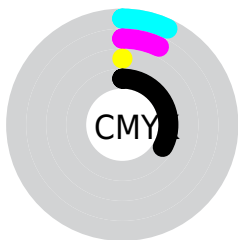
Blue (67%)



Red (62%)

Yellow (62%)

Blue (67%)

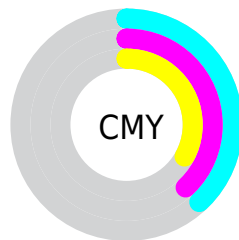


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (33%)



Cyan (38%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0469, 35.1075, 43.5100 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 34.0469, 35.1075, 43.5100 by changing the saturation by 10% instead.

■ 34.0469, 35.1075,
43.5100

■ 34.0469, 35.1075,
43.5100

311.9234,
325.0426, 376.6876

■ 23.0927, 23.7457,
29.9511

■ 65.3504, 67.6523,
81.7745

■ 14.7830, 15.1451,
19.5497

■ 86.4304, 89.6040,
107.3172

■ 8.7526, 8.9213,
11.8874

111.6164,
115.8545, 137.6916

■ 4.6360, 4.6899,
6.5454

141.2737,
146.7882, 173.3162

■ 2.0678, 2.0665,
3.1054

175.7677,
182.7895, 214.6095

■ 0.6716, 0.6457,
1.1487

215.4637,

■ 0.0000, 0.0000,

224.2427, 261.9902

0.0000

260.7272,
271.5323, 315.8767

■ 34.0469, 35.1075,
43.5100

■ 34.0469, 35.1075,
43.5100

■ 28.1484, 28.0008,
42.4497

■ 40.8232, 43.2723,
44.7294

■ 23.0889, 21.9047,
41.5397

■ 48.5080, 52.5313,
46.1115

■ 18.8313, 16.7747,
40.7739

■ 57.1342, 62.9244,
47.6629

■ 15.3344, 12.5612,
40.1449

■ 66.7320, 74.4883,
49.3891

■ 12.5535, 9.2103,
39.6447

■ 77.3306, 87.2577,
51.2952

■ 10.4390, 6.6624,
39.2644

■ 84.3508, 95.7203,
52.5587

■ 8.9353, 4.8502,
38.9938

■ 7.9775, 3.6959,
38.8215

■ 7.4704, 3.0847,
38.7303

Harmonies

Analogous

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



33.0700, 35.1075, 43.8238



34.0469, 35.1075, 43.5100



34.8567, 35.1075, 41.7440

Triad

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



34.0469, 35.1075, 43.5100



34.5754, 35.1075, 34.1782



31.5370, 35.1075, 37.3747

Complementary

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



34.0469, 35.1075, 43.5100



37.6155, 40.2865, 38.5950

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.



31.9236, 35.1075, 34.9116



34.0469, 35.1075, 43.5100



33.6690, 35.1075, 33.1266

Square

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



34.0469, 35.1075, 43.5100



35.1659, 35.1075, 36.3289



32.6994, 35.1075, 33.3883



31.6336, 35.1075, 40.1883

Rectangle

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



34.0469, 35.1075, 43.5100



35.1865, 35.1075, 40.0265



32.6994, 35.1075, 33.3883



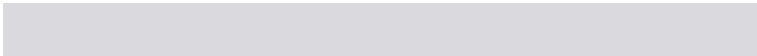
31.6144, 35.1075, 36.4805

Sweetspot

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



34.0479, 35.1090, 43.5108



66.8226, 69.9203, 78.9759



36.1932, 39.4300, 44.1319



14.9320, 15.6290, 17.6174



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.



34.0479, 35.1090, 43.5108



59.7125, 61.3537, 77.6971



35.2249, 35.7151, 43.5657



7.5791, 7.7575, 10.0506



5.5417, 2.2172, 29.1804



0.1542, 0.0618, 0.8118

Inverse Universe

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



35.4515, 35.9581, 37.8748



62.6072, 63.1049, 66.0740



36.3802, 39.6504, 38.5373



8.0053, 8.0154, 8.3389



12.6608, 6.5269, 0.5934



0.3522, 0.1816, 0.0166

Previews

White Background



This preview shows how the XYZ color 34.0469, 35.1075, 43.5100 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 34.0469, 35.1075, 43.5100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

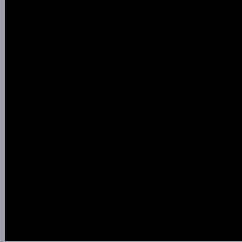
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0469, 35.1075, 43.5100

Background



This preview shows how black text looks on a background with the XYZ color 34.0469, 35.1075, 43.5100.

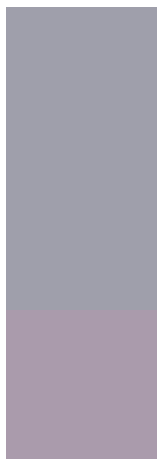


This preview shows how white text looks on a background with the XYZ color 34.0469, 35.1075,

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

34.0469, 35.1075, 43.5100

Protanopia

34.0469, 35.1075, 43.5100

Deuteranopia

35.7453, 34.9673, 43.8951



Tritanopia

34.0469, 35.1075, 43.5100

Trichromacy



Original Color

34.0469, 35.1075, 43.5100

Protanomaly

34.0469, 35.1075, 43.5100

Deuteranomaly

35.0607, 34.8625, 43.9110

Tritanomaly

34.0469, 35.1075, 43.5100

Monochromacy



Original Color

34.0469, 35.1075, 43.5100

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.7689, 35.2955, 40.1549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0469, 35.1075, 43.5100 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, 159, 171)` looks like.

```
.text, #text, p{  
    color:rgb(159, 159, 171)  
}
```

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, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 159, 171) }
```

Border

The CSS property to change the border of an element to XYZ 34.0469, 35.1075, 43.5100 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, 159, 171) }
```


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

```
.border{ border-color:rgb(159, 159, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 159, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 159, 171);  
box-shadow:4px 4px 4px 4px rgb(159, 159,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0469, 35.1075, 43.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 159, 171) }
```

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

```
.background{ background-color: rgb(159,  
159, 171) }
```

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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