

Converting Colors

XYZ(35.3720, 34.6871, 67.3807)

Have a look what the booklet for
XYZ(35.3720, 34.6871, 67.3807)
contains.

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Color

**XYZ(35.4422, 34.7967,
67.1358)**

Conversions

Conversions Part 1

Format	Color
Hex	909DD4
RGB	144, 157, 212
RGB Percent	56%, 62%, 83%
CMY	0.4353, 0.3843, 0.1686
CMYK	0.32, 0.26, 0.00, 0.17
HSL	229°, 44%, 70%
HSV	229°, 32%, 83%
XYZ	35.4422, 34.7967, 67.1358
YIQ	159.3830, -25.4030, 14.3490

Conversions

Conversions Part 2

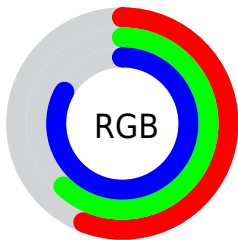
Format	Color
RYB	144, 155, 212
Decimal	9477588
CIELab	65.59, 8.20, -29.55
CIElCh	66, 30.672, 285.514
Yxy	34.7967, 0.2580, 0.2533
Android (android.graphics.Color)	4287667668 (0xFF909DD4)
YUV	159.3830, 25.9402, -13.4909
Hunter-Lab	58.9887, 4.0179, -26.1866

Details

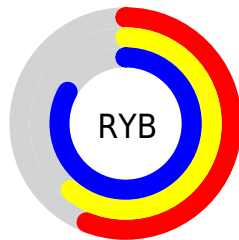
The XYZ color **35.4422, 34.7967, 67.1358** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.6095, 56.8580, 34.5885**, and the grayscale version is **33.0241, 34.7439, 37.8361**.

A 20% lighter version of the original color is **64.8975, 65.9506, 103.9170**, and **15.5542, 14.9665, 33.9673** is the 20% darker color. If you saturate the color by 10%, you get **29.3810, 27.6641, 66.0791**, and if you desaturate by 10%, it is **42.6081, 43.1047, 68.3623**.

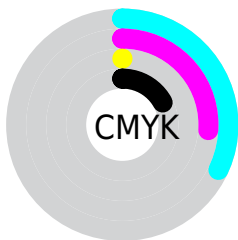
Distribution



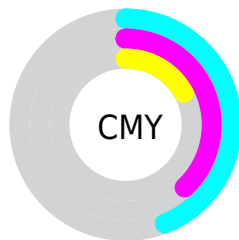
- Red (56%)
- Green (62%)
- Blue (83%)



- Red (56%)
- Yellow (61%)
- Blue (83%)



- Cyan (32%)
- Magenta (26%)
- Yellow (0%)
- Black (17%)



- Cyan (44%)
- Magenta (38%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4422, 34.7967, 67.1358 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 35.4422, 34.7967, 67.1358 by changing the saturation by 10% instead.

■ 35.4422, 34.7967,
67.1358

■ 35.4422, 34.7967,
67.1358

317.9898,
323.6701, 468.9426

■ 24.1718, 23.5063,
48.7327

■ 67.4998, 67.1707,
116.7575

■ 15.5865, 14.9678,
34.0434

■ 89.0176, 89.0231,
148.8131

■ 9.3210, 8.7968,
22.6493

114.6821,
115.1650, 186.2567

■ 5.0100, 4.6089,
14.1319

144.8584,
145.9807, 229.5068

■ 2.2879, 2.0197,
8.0727

179.9120,
181.8547, 278.9819

■ 0.7885, 0.6189,
4.0530

220.2082,

■ 0.0000, 0.0000,

223.1713, 335.1005

1.6545

266.1123,
270.3150, 398.2813

■ 0.0000, 0.0000,
0.3293

■ 0.0000, 0.0000,
0.0000

■ 35.4422, 34.7967,
67.1358

■ 35.4422, 34.7967,
67.1358

■ 29.3810, 27.6641,
66.0791

■ 42.6081, 43.1047,
68.3623

■ 24.3653, 21.6490,
65.1825

■ 50.9272, 52.6344,
69.7633

■ 20.3352, 16.6947,
64.4386

■ 60.4490, 63.4344,
71.3461

■ 17.2234, 12.7374,
63.8388

■ 71.2193, 75.5496,
73.1168

■ 14.9536, 9.7063,
63.3734

■ 83.2814, 89.0224,
75.0816

■ 13.4363, 7.5205,
63.0314

■ 88.8838, 97.5335,
76.4292

■ 12.6606, 6.3072,
62.8381

Harmonies

Analogous

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



30.9555, 34.7967, 67.3045



35.4422, 34.7967, 67.1358



39.6389, 34.7967, 58.0423

Triad

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



35.4422, 34.7967, 67.1358



39.5151, 34.7967, 22.8148



25.3825, 34.7967, 32.0204

Complementary

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



35.4422, 34.7967, 67.1358



52.6095, 56.8580, 34.5885

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.



27.2758, 34.7967, 23.0397



35.4422, 34.7967, 67.1358



35.2854, 34.7967, 18.6018

Square

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



35.4422, 34.7967, 67.1358



42.1317, 34.7967, 31.6380



30.8122, 34.7967, 18.6735



25.4162, 34.7967, 44.9105

Rectangle

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



35.4422, 34.7967, 67.1358



41.5900, 34.7967, 49.1156



30.8122, 34.7967, 18.6735



25.8066, 34.7967, 28.5163

Sweetspot

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



35.4434, 34.7981, 67.1366



80.0527, 83.0199, 106.4130



45.2852, 57.1127, 62.3062



16.7160, 17.2933, 22.7069



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.4434, 34.7981, 67.1366



47.8186, 45.7960, 100.9269



37.2505, 32.6362, 66.6241



11.9329, 12.3891, 15.6999



7.8710, 4.0037, 38.8111



0.5325, 0.3569, 2.3601

Inverse Universe

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



43.2114, 36.3790, 36.6440



61.3825, 48.9073, 47.6046



50.2154, 60.2557, 35.3705



12.5193, 12.4592, 13.4089



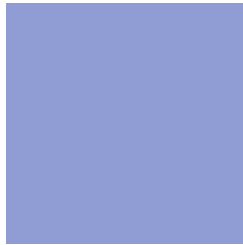
17.0318, 8.7490, 2.2054



1.0564, 0.5394, 0.2864

Previews

White Background



This preview shows how the XYZ color 35.4422, 34.7967, 67.1358 looks on a white background.

Color Contrast Check

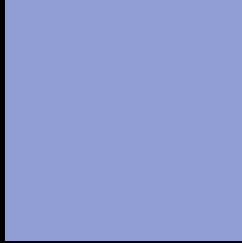
Large Text (above 18pt) WCAG AA × Fail

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 35.4422, 34.7967, 67.1358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

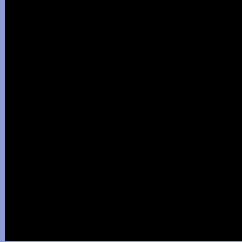
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4422, 34.7967, 67.1358

Background



This preview shows how black text looks on a background with the XYZ color 35.4422, 34.7967, 67.1358.



This preview shows how white text looks on a background with the XYZ color 35.4422, 34.7967,

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

35.4422, 34.7967, 67.1358

Protanopia

35.4422, 34.7967, 67.1358

Deuteranopia

35.6177, 34.8872, 67.1440



Tritanopia

31.3646, 34.9595, 46.6897

Trichromacy



Original Color

35.4422, 34.7967, 67.1358

Protanomaly

35.4422, 34.7967, 67.1358

Deuteranomaly

35.6177, 34.8872, 67.1440

Tritanomaly

32.6866, 34.6964, 53.6895

Monochromacy



Original Color

35.4422, 34.7967, 67.1358

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.5892, 34.5381, 47.0157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4422, 34.7967, 67.1358 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(144, 157, 212)` looks like.

```
.text, #text, p{  
    color:rgb(144, 157, 212)  
}
```

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(144, 157, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 157, 212) }
```

Border

The CSS property to change the border of an element to XYZ 35.4422, 34.7967, 67.1358 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(144, 157, 212) }
```


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

```
.border{ border-color:rgb(144, 157, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 157, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 157, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 157, 212);  
box-shadow:4px 4px 4px 4px rgb(144, 157,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4422, 34.7967, 67.1358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 157, 212) }
```

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

```
.background{ background-color: rgb(144,  
157, 212) }
```

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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