

Converting Colors

XYZ(33.9399, 34.2571, 56.4532)

Have a look what the booklet for
XYZ(33.9399, 34.2571, 56.4532)
contains.

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Color

**XYZ(33.9399, 34.2571,
56.4532)**

Conversions

Conversions Part 1

Format	Color
Hex	939DC3
RGB	147, 157, 195
RGB Percent	58%, 62%, 76%
CMY	0.4235, 0.3843, 0.2353
CMYK	0.25, 0.19, 0.00, 0.24
HSL	227°, 29%, 67%
HSV	227°, 25%, 76%
XYZ	33.9399, 34.2571, 56.4532
YIQ	158.3420, -18.1580, 9.6980

Conversions

Conversions Part 2

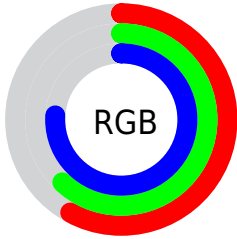
Format	Color
R_{YB}	147, 155, 195
Decimal	9674179
CIE _{Lab}	65.17, 4.87, -20.73
CIE _{LCh}	65, 21.295, 283.228
Yxy	34.2571, 0.2723, 0.2748
Android (android.graphics.Color)	4287864259 (0xFF939DC3)
YUV	158.3420, 18.0724, -9.9469
Hunter-Lab	58.5296, 1.0812, -16.2160

Details

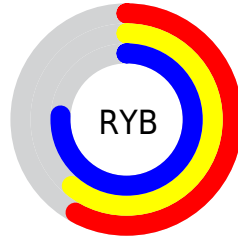
The XYZ color **33.9399, 34.2571, 56.4532** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.1215, 48.4068, 34.5700**, and the grayscale version is **32.5819, 34.2787, 37.3295**.

A 20% lighter version of the original color is **65.2221, 66.1734, 101.4306**, and **14.6811, 14.6641, 27.2560** is the 20% darker color. If you saturate the color by 10%, you get **28.2864, 27.7080, 55.4876**, and if you desaturate by 10%, it is **40.5183, 41.7745, 57.5581**.

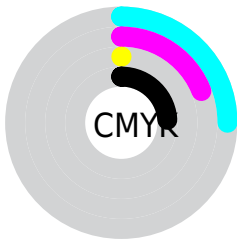
Distribution



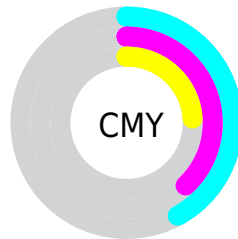
- Red (58%)
- Green (62%)
- Blue (76%)



- Red (58%)
- Yellow (61%)
- Blue (76%)



- Cyan (25%)
- Magenta (19%)
- Yellow (0%)
- Black (24%)



- Cyan (42%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9399, 34.2571, 56.4532 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 33.9399, 34.2571, 56.4532 by changing the saturation by 10% instead.

■ 33.9399, 34.2571,
56.4532

■ 33.9399, 34.2571,
56.4532

311.4546,
321.2769, 428.8334

■ 23.0101, 23.0912,
40.1600

■ 65.1851, 66.3333,
101.1593

■ 14.7217, 14.6608,
27.3486

■ 86.2312, 88.0123,
130.4092

■ 8.7093, 8.5817,
17.6004

111.3802,
113.9645, 164.8152

■ 4.6077, 4.4694,
10.4970

140.9973,
144.5743, 204.7956

■ 2.0513, 1.9394,
5.6198

175.4479,
180.2261, 250.7691

■ 0.6625, 0.5719,
2.5503

215.0975,

■ 0.0000, 0.0000,

221.3041, 303.1542

0.8666

260.3112,
268.1930, 362.3695

■ 0.0000, 0.0000,
0.0000

■ 33.9399, 34.2571,
56.4532

■ 33.9399, 34.2571,
56.4532

■ 28.2864, 27.7080,
55.4876

■ 40.5183, 41.7745,
57.5581

■ 23.5124, 22.0832,
54.6536

■ 48.0578, 50.2937,
58.8050

■ 19.5735, 17.3413,
53.9459

■ 56.5964, 59.8515,
60.1999

■ 16.4200, 13.4359,
53.3583

■ 66.1693, 70.4816,
61.7471

■ 13.9967, 10.3164,
52.8839

■ 76.8099, 82.2164,
63.4514

■ 12.2409, 7.9261,
52.5150

■ 85.1598, 93.3390,
65.1581

■ 11.0779, 6.1999,
52.2431

■ 86.8504, 96.7202,
65.7217

■ 10.6306, 5.5006,
52.1317

Harmonies

Analogous

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



30.8746, 34.2571, 56.0946



33.9399, 34.2571, 56.4532



36.8047, 34.2571, 51.1340

Triad

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



33.9399, 34.2571, 56.4532



37.0876, 34.2571, 26.8109



27.1929, 34.2571, 32.5990

Complementary

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



33.9399, 34.2571, 56.4532



45.1215, 48.4068, 34.5700

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.



28.6555, 34.2571, 26.2177



33.9399, 34.2571, 56.4532



34.3064, 34.2571, 23.2565

Square

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



33.9399, 34.2571, 56.4532



38.6980, 34.2571, 33.5378



31.2187, 34.2571, 23.0581



27.1086, 34.2571, 41.3338

Rectangle

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



33.9399, 34.2571, 56.4532



38.1624, 34.2571, 45.5081



31.2187, 34.2571, 23.0581



27.5352, 34.2571, 30.1437

Sweetspot

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



33.9410, 34.2585, 56.4540



82.5388, 86.0989, 104.7383



40.2633, 48.7199, 52.9603



17.8875, 18.6432, 22.9057



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.



33.9410, 34.2585, 56.4540



54.6672, 54.2876, 100.0671



34.9023, 32.3441, 56.0338



9.6946, 10.0805, 12.7196



6.9593, 3.6750, 33.8992



0.3516, 0.2606, 1.4817

Inverse Universe

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



39.0261, 34.9048, 36.5802



65.5434, 55.9391, 57.5001



43.9323, 51.0096, 35.1351



10.1571, 10.1115, 10.9181



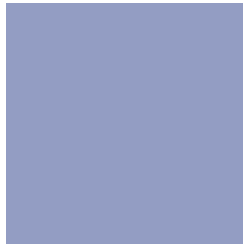
14.9087, 7.6532, 2.1653



0.6699, 0.3410, 0.2288

Previews

White Background



This preview shows how the XYZ color 33.9399, 34.2571, 56.4532 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 33.9399, 34.2571, 56.4532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

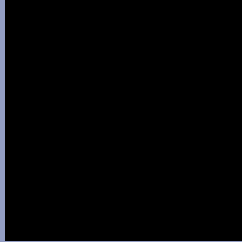
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.9399, 34.2571, 56.4532

Background



This preview shows how black text looks on a background with the XYZ color 33.9399, 34.2571, 56.4532.



This preview shows how white text looks on a background with the XYZ color 33.9399, 34.2571,

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

33.9399, 34.2571, 56.4532

Protanopia

34.1332, 34.1066, 56.4140

Deuteranopia

34.8981, 34.2528, 56.4019



Tritanopia

31.7125, 34.3854, 45.0100

Trichromacy



Original Color

33.9399, 34.2571, 56.4532

Protanomaly

33.9515, 34.0130, 56.4055

Deuteranomaly

34.5013, 34.2964, 56.4312

Tritanomaly

32.5159, 34.4483, 49.1914

Monochromacy



Original Color

33.9399, 34.2571, 56.4532

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.9040, 34.2640, 43.4075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9399, 34.2571, 56.4532 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(147, 157, 195)` looks like.

```
.text, #text, p{  
    color:rgb(147, 157, 195)  
}
```

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(147, 157, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 157, 195) }
```

Border

The CSS property to change the border of an element to XYZ 33.9399, 34.2571, 56.4532 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(147, 157, 195) }
```


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

```
.border{ border-color:rgb(147, 157, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 157, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 157, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 157, 195);  
box-shadow:4px 4px 4px 4px rgb(147, 157,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9399, 34.2571, 56.4532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 157, 195) }
```

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

```
.background{ background-color: rgb(147,  
157, 195) }
```

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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