

Converting Colors

XYZ(35.9866, 33.9695, 72.3702)

Have a look what the booklet for
XYZ(35.9866, 33.9695, 72.3702)
contains.

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Color

**XYZ(35.9866, 33.9695,
72.3702)**

Conversions

Conversions Part 1

Format	Color
Hex	9199DC
RGB	145, 153, 220
RGB Percent	57%, 60%, 86%
CMY	0.4314, 0.4000, 0.1373
CMYK	0.34, 0.30, 0.00, 0.14
HSL	234°, 52%, 72%
HSV	234°, 34%, 86%
XYZ	35.9866, 33.9695, 72.3702
YIQ	158.2460, -26.2750, 19.1410

Conversions

Conversions Part 2

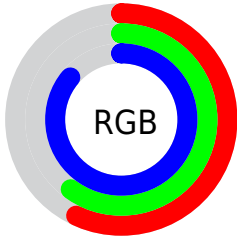
Format	Color
R _Y B	145, 152, 220
Decimal	9542108
CIE Lab	64.94, 12.85, -34.99
CIE LCh	65, 37.275, 290.159
Yxy	33.9695, 0.2528, 0.2387
Android (android.graphics.Color)	4287732188 (0xFF9199DC)
YUV	158.2460, 30.4447, -11.6167
Hunter-Lab	58.2834, 8.2175, -32.8218

Details

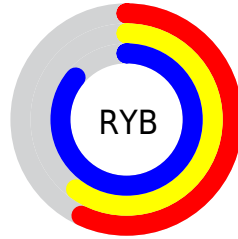
The XYZ color **35.9866, 33.9695, 72.3702** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.1705, 64.3481, 36.1441**, and the grayscale version is **32.4867, 34.1785, 37.2204**.

A 20% lighter version of the original color is **64.4502, 64.2632, 103.6149**, and **15.9565, 14.4947, 37.5541** is the 20% darker color. If you saturate the color by 10%, you get **29.5227, 26.2494, 71.2214**, and if you desaturate by 10%, it is **43.7333, 43.1388, 73.7324**.

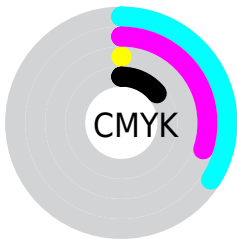
Distribution



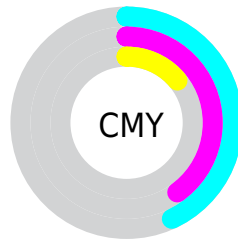
- Red (57%)
- Green (60%)
- Blue (86%)



- Red (57%)
- Yellow (60%)
- Blue (86%)



- Cyan (34%)
- Magenta (30%)
- Yellow (0%)
- Black (14%)



- Cyan (43%)
- Magenta (40%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9866, 33.9695, 72.3702 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 35.9866, 33.9695, 72.3702 by changing the saturation by 10% instead.

■ 35.9866, 33.9695,
72.3702

■ 35.9866, 33.9695,
72.3702

320.3342,
319.9960, 487.8412

■ 24.5939, 22.8702,
52.9725

■ 68.3354, 65.8862,
124.2953

■ 15.9019, 14.4977,
37.3932

■ 90.0222, 87.4724,
157.6598

■ 9.5452, 8.4676,
25.2139

115.8711,
113.3230, 196.5169

■ 5.1584, 4.3956,
16.0160

146.2474,
143.8224, 241.2852

■ 2.3762, 1.8972,
9.3810

181.5165,
179.3551, 292.3833

■ 0.8332, 0.5467,
4.8903

222.0438,

■ 0.0000, 0.0000,

220.3053, 350.2296

2.1255

268.1946,
267.0575, 415.2427

■ 0.0000, 0.0000,
0.6309

■ 0.0000, 0.0000,
0.0000

■ 35.9866, 33.9695,
72.3702

■ 35.9866, 33.9695,
72.3702

■ 29.5227, 26.2494,
71.2214

■ 43.7333, 43.1388,
73.7324

■ 24.2686, 19.9003,
70.2728

■ 52.8234, 53.8222,
75.3154

■ 20.1496, 14.8426,
69.5137

■ 63.3179, 66.0856,
77.1293

■ 17.0807, 10.9869,
68.9312

■ 75.2730, 79.9896,
79.1830

■ 14.9652, 8.2320,
68.5109

■ 88.7402, 95.5910,
81.4845

■ 13.6878, 6.4598,
68.2362

■ 89.9184, 97.9474,
81.8773

■ 13.2341, 5.7988,
68.1325

Harmonies

Analogous

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



30.5504, 33.9695, 74.5501



35.9866, 33.9695, 72.3702



40.9031, 33.9695, 59.4102

Triad

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



35.9866, 33.9695, 72.3702



39.3814, 33.9695, 18.5776



23.1259, 33.9695, 32.1492

Complementary

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



35.9866, 33.9695, 72.3702



58.1705, 64.3481, 36.1441

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.



24.9747, 33.9695, 21.0627



35.9866, 33.9695, 72.3702



34.0882, 33.9695, 14.7954

Square

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



35.9866, 33.9695, 72.3702



43.0091, 33.9695, 27.6838



28.8500, 33.9695, 15.5572



23.5137, 33.9695, 48.1708

Rectangle

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



35.9866, 33.9695, 72.3702



43.0330, 33.9695, 47.9862



28.8500, 33.9695, 15.5572



23.4978, 33.9695, 27.8118

Sweetspot

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



35.9878, 33.9708, 72.3710



79.4414, 81.7974, 106.2092



49.0605, 61.9227, 71.1598



16.5694, 17.0000, 22.6580



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.



35.9878, 33.9708, 72.3710



43.5608, 39.4471, 99.9259



40.4449, 34.3896, 72.2169



12.4499, 12.8396, 16.4742



7.8060, 3.4815, 39.9990



0.5443, 0.3027, 2.6042

Inverse Universe

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



45.3914, 37.7677, 35.0357



58.7045, 45.8111, 39.7451



52.2538, 64.3404, 36.4544



13.1122, 13.0740, 13.8521



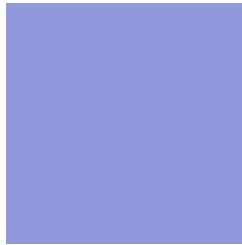
17.4354, 8.9752, 1.4071



1.1490, 0.5893, 0.1938

Previews

White Background



This preview shows how the XYZ color 35.9866, 33.9695, 72.3702 looks on a white background.

Color Contrast Check

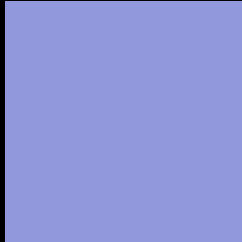
Large Text (above 18pt) WCAG AA × Fail

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 35.9866, 33.9695, 72.3702 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 35.9866, 33.9695, 72.3702

Background



This preview shows how black text looks on a background with the XYZ color 35.9866, 33.9695, 72.3702.



This preview shows how white text looks on a background with the XYZ color 35.9866, 33.9695,

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

35.9866, 33.9695, 72.3702

Protanopia

35.2227, 34.0350, 73.8202

Deuteranopia

34.8280, 34.1256, 71.7691



Tritanopia

30.6499, 34.0867, 45.5214

Trichromacy



Original Color

35.9866, 33.9695, 72.3702

Protanomaly

35.4220, 33.9071, 73.0844

Deuteranomaly

35.1550, 34.0461, 71.7365

Tritanomaly

32.4496, 34.0468, 54.1516

Monochromacy



Original Color

35.9866, 33.9695, 72.3702

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.3658, 33.8854, 48.4980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9866, 33.9695, 72.3702 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(145, 153, 220)` looks like.

```
.text, #text, p{  
    color:rgb(145, 153, 220)  
}
```

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(145, 153, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 153, 220) }
```

Border

The CSS property to change the border of an element to XYZ 35.9866, 33.9695, 72.3702 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(145, 153, 220) }
```


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

```
.border{ border-color:rgb(145, 153, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 153, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 153, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 153, 220);  
box-shadow:4px 4px 4px 4px rgb(145, 153,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9866, 33.9695, 72.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 153, 220) }
```

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

```
.background{ background-color: rgb(145,  
153, 220) }
```

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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