

Converting Colors

XYZ(35.0084, 33.9053, 72.3265)

Have a look what the booklet for
XYZ(35.0084, 33.9053, 72.3265)
contains.

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Color

**XYZ(35.1208, 34.0133,
72.4243)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9BDC
RGB	138, 155, 220
RGB Percent	54%, 61%, 86%
CMY	0.4588, 0.3921, 0.1373
CMYK	0.37, 0.30, 0.00, 0.14
HSL	228°, 54%, 70%
HSV	228°, 37%, 86%
XYZ	35.1208, 34.0133, 72.4243
YIQ	157.3270, -30.9970, 16.6110

Conversions

Conversions Part 2

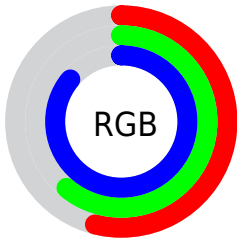
Format	Color
RYB	138, 152, 220
Decimal	9083868
CIELab	64.97, 9.77, -34.98
CIElCh	65, 36.315, 285.610
Yxy	34.0133, 0.2481, 0.2403
Android (android.graphics.Color)	4287273948 (0xFF8A9BDC)
YUV	157.3270, 30.8978, -16.9498
Hunter-Lab	58.3209, 5.4309, -32.8031

Details

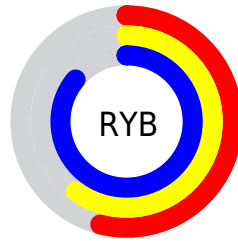
The XYZ color **35.1208, 34.0133, 72.4243** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.4593, 59.7632, 32.6584**, and the grayscale version is **32.0712, 33.7414, 36.7443**.

A 20% lighter version of the original color is **63.0986, 64.2903, 103.6914**, and **15.3980, 14.5021, 37.5849** is the 20% darker color. If you saturate the color by 10%, you get **29.1473, 26.9327, 71.3731**, and if you desaturate by 10%, it is **42.2530, 42.3149, 73.6514**.

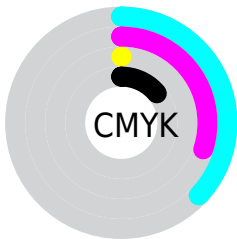
Distribution



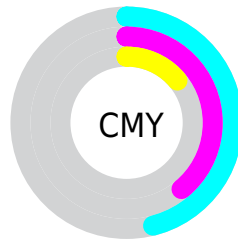
- Red (54%)
- Green (61%)
- Blue (86%)



- Red (54%)
- Yellow (60%)
- Blue (86%)



- Cyan (37%)
- Magenta (30%)
- Yellow (0%)
- Black (14%)



- Cyan (46%)
- Magenta (39%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1208, 34.0133, 72.4243 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 35.1208, 34.0133, 72.4243 by changing the saturation by 10% instead.

■ 35.1208, 34.0133,
72.4243

■ 35.1208, 34.0133,
72.4243

316.5999,
320.1914, 488.0343

■ 23.9229, 22.9038,
53.0164

■ 67.0057, 65.9544,
124.3729

■ 15.4009, 14.5225,
37.4280

■ 88.4233, 87.5547,
157.7507

■ 9.1893, 8.4850,
25.2407

■ 113.9783,
113.4208, 196.6222

■ 4.9230, 4.4068,
16.0358

144.0359,
143.9371, 241.4060

■ 2.2364, 1.9036,
9.3949

178.9615,
179.4878, 292.5205

■ 0.7618, 0.5506,
4.8993

219.1204,

■ 0.0000, 0.0000,

220.4576, 350.3844

2.1306

264.8781,
267.2306, 415.4161

■ 0.0000, 0.0000,
0.6339

■ 0.0000, 0.0000,
0.0000

■ 35.1208, 34.0133,
72.4243

■ 35.1208, 34.0133,
72.4243

■ 29.1473, 26.9327,
71.3731

■ 42.2530, 42.3149,
73.6514

■ 24.2663, 21.0102,
70.4872

■ 50.5983, 51.8882,
75.0594

■ 20.4102, 16.1833,
69.7587

■ 60.2116, 62.7861,
76.6562

■ 17.5019, 12.3815,
69.1782

■ 71.1436, 75.0569,
78.4485

■ 15.4529, 9.5253,
68.7349

■ 83.4422, 88.7467,
80.4427

■ 14.1500, 7.5190,
68.4163

■ 89.9184, 97.9474,
81.8773

■ 13.8802, 7.0911,
68.3479

Harmonies

Analogous

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



29.8851, 34.0133, 72.6738



35.1208, 34.0133, 72.4243



40.0892, 34.0133, 61.1532

Triad

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



35.1208, 34.0133, 72.4243



39.9140, 34.0133, 19.9836



23.5061, 34.0133, 30.3068

Complementary

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



35.1208, 34.0133, 72.4243



55.4593, 59.7632, 32.6584

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.



25.6404, 34.0133, 20.2735



35.1208, 34.0133, 72.4243



34.9018, 34.0133, 15.5020

Square

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



35.1208, 34.0133, 72.4243



43.0540, 34.0133, 29.7895



29.6885, 34.0133, 15.5913



23.5511, 34.0133, 45.3686

Rectangle

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



35.1208, 34.0133, 72.4243



42.4176, 34.0133, 50.2966



29.6885, 34.0133, 15.5913



23.9815, 34.0133, 26.3366

Sweetspot

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



35.1220, 34.0146, 72.4251



78.7853, 81.6878, 106.2226



46.7637, 60.8658, 65.3065



16.4677, 17.0363, 22.6703



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.



35.1220, 34.0146, 72.4251



42.1900, 39.3825, 99.9857



36.7528, 30.9468, 71.7470



12.5563, 13.0524, 16.5097



8.2110, 4.2913, 40.1339



0.5945, 0.4030, 2.6209

Inverse Universe

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



44.5210, 35.7603, 35.5676



57.3591, 42.7711, 40.3735



53.1464, 64.8610, 33.7643



13.1659, 13.0955, 14.1350



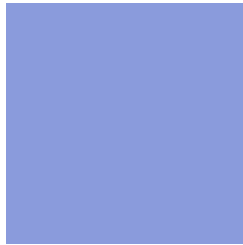
17.6398, 9.0570, 2.4835



1.1743, 0.5994, 0.3271

Previews

White Background



This preview shows how the XYZ color 35.1208, 34.0133, 72.4243 looks on a white background.

Color Contrast Check

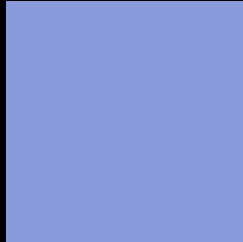
Large Text (above 18pt) WCAG AA × Fail

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 35.1208, 34.0133, 72.4243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

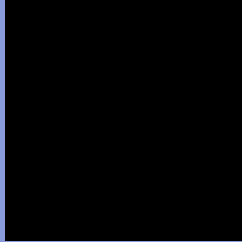
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1208, 34.0133, 72.4243

Background



This preview shows how black text looks on a background with the XYZ color 35.1208, 34.0133, 72.4243.



This preview shows how white text looks on a background with the XYZ color 35.1208, 34.0133,

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

35.1208, 34.0133, 72.4243

Protanopia

34.9561, 33.9284, 72.4166

Deuteranopia

34.9601, 34.1785, 72.4647



Tritanopia

29.8358, 33.9182, 46.0486

Trichromacy



Original Color

35.1208, 34.0133, 72.4243

Protanomaly

34.9561, 33.9284, 72.4166

Deuteranomaly

35.1233, 34.2626, 72.4723

Tritanomaly

31.6010, 33.8529, 54.7379

Monochromacy



Original Color

35.1208, 34.0133, 72.4243

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.7044, 33.5563, 47.9333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1208, 34.0133, 72.4243 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(138, 155, 220)` looks like.

```
.text, #text, p{  
    color:rgb(138, 155, 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(138, 155, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 155, 220) }
```

Border

The CSS property to change the border of an element to XYZ 35.1208, 34.0133, 72.4243 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(138, 155, 220) }
```


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

```
.border{ border-color:rgb(138, 155, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 155, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 155, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 155, 220);  
box-shadow:4px 4px 4px 4px rgb(138, 155,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1208, 34.0133, 72.4243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 155, 220) }
```

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

```
.background{ background-color: rgb(138,  
155, 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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