

Converting Colors

XYZ(37.2307, 36.2251, 67.3172)

Have a look what the booklet for
XYZ(37.2307, 36.2251, 67.3172)
contains.

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Color

**XYZ(37.2307, 36.2251,
67.3172)**

Conversions

Conversions Part 1

Format	Color
Hex	989FD4
RGB	152, 159, 212
RGB Percent	60%, 62%, 83%
CMY	0.4039, 0.3765, 0.1686
CMYK	0.28, 0.25, 0.00, 0.17
HSL	233°, 41%, 71%
HSV	233°, 28%, 83%
XYZ	37.2307, 36.2251, 67.3172
YIQ	162.9490, -21.1850, 14.9990

Conversions

Conversions Part 2

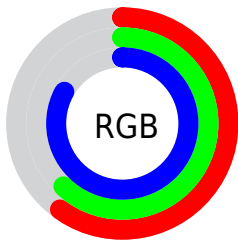
Format	Color
RYB	152, 158, 212
Decimal	10002388
CIELab	66.69, 9.41, -27.81
CIElCh	67, 29.358, 288.696
Yxy	36.2251, 0.2645, 0.2573
Android (android.graphics.Color)	4288192468 (0xFF989FD4)
YUV	162.9490, 24.1821, -9.6023
Hunter-Lab	60.1873, 5.0889, -24.1825

Details

The XYZ color **37.2307, 36.2251, 67.3172** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.6509, 59.9273, 38.3938**, and the grayscale version is **34.6863, 36.4927, 39.7406**.

A 20% lighter version of the original color is **67.8287, 68.5785, 104.2698**, and **16.5940, 15.8121, 34.0757** is the 20% darker color. If you saturate the color by 10%, you get **30.6319, 28.4001, 66.1553**, and if you desaturate by 10%, it is **45.0290, 45.3942, 68.6766**.

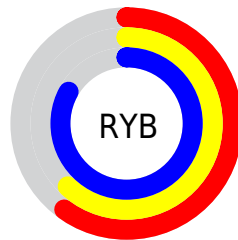
Distribution



Red (60%)

Green (62%)

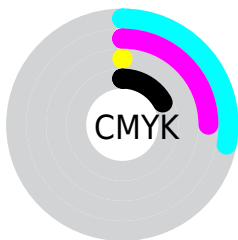
Blue (83%)



Red (60%)

Yellow (62%)

Blue (83%)

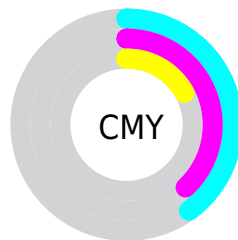


Cyan (28%)

Magenta (25%)

Yellow (0%)

Black (17%)



Cyan (40%)

Magenta (38%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2307, 36.2251, 67.3172 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 37.2307, 36.2251, 67.3172 by changing the saturation by 10% instead.

■ 37.2307, 36.2251,
67.3172

■ 37.2307, 36.2251,
67.3172

325.6465,
329.9433, 469.6052

■ 25.5607, 24.6081,
48.8792

■ 70.2390, 69.3794,
117.0198

■ 16.6262, 15.7853,
34.1588

■ 92.3079, 91.6854,
149.1215

■ 10.0620, 9.3724,
22.7372

118.5739,
118.3233, 186.6148

■ 5.5027, 4.9849,
14.1961

149.4023,
149.6773, 229.9183

■ 2.5829, 2.2384,
8.1169

185.1583,
186.1319, 279.4506

■ 0.9372, 0.7408,
4.0810

226.2075,

■ 0.0000, 0.0000,

228.0716, 335.6301

1.6699

272.9151,
275.8806, 398.8755

■ 0.0000, 0.0000,
0.3400

■ 0.0000, 0.0000,
0.0000

■ 37.2307, 36.2251,
67.3172

■ 37.2307, 36.2251,
67.3172

■ 30.6319, 28.4001,
66.1553

■ 45.0290, 45.3942,
68.6766

■ 25.1693, 21.8518,
65.1792

■ 54.0786, 55.9623,
70.2395

■ 20.7792, 16.5133,
64.3801

■ 64.4327, 67.9862,
72.0146

■ 17.3903, 12.3096,
63.7474

■ 76.1403, 81.5184,
74.0095

■ 14.9222, 9.1576,
63.2691

■ 88.1343, 96.0346,
76.1793

■ 13.2821, 6.9623,
62.9318

■ 88.8838, 97.5335,
76.4291

■ 12.3422, 5.6033,
62.7190

■ 12.2258, 5.4375,
62.6931

Harmonies

Analogous

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



32.7901, 36.2251, 68.4851



37.2307, 36.2251, 67.3172



41.2257, 36.2251, 57.8103

Triad

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



37.2307, 36.2251, 67.3172



40.3572, 36.2251, 23.8244



26.7438, 36.2251, 34.8573

Complementary

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



37.2307, 36.2251, 67.3172



54.6509, 59.9273, 38.3938

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.



28.4269, 36.2251, 25.4473



37.2307, 36.2251, 67.3172



36.1255, 36.2251, 20.0497

Square

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



37.2307, 36.2251, 67.3172



43.1348, 36.2251, 32.1367



31.7751, 36.2251, 20.5721



26.9844, 36.2251, 47.7803

Rectangle

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



37.2307, 36.2251, 67.3172



42.9811, 36.2251, 48.9740



31.7751, 36.2251, 20.5721



27.0971, 36.2251, 31.2364

Sweetspot

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



37.2319, 36.2265, 67.3180



82.4574, 85.3710, 106.7400



47.3924, 58.1228, 65.8485



17.1737, 17.7189, 22.7649



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.



37.2319, 36.2265, 67.3180



50.2656, 47.5842, 101.1431



40.5686, 36.2099, 67.1390



11.8581, 12.2397, 15.6750



7.5854, 3.4325, 38.7159



0.4974, 0.2868, 2.3485

Inverse Universe

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



44.6386, 38.9579, 37.9692



63.3758, 52.6072, 49.1525



50.4471, 60.3019, 38.6876



12.4816, 12.4441, 13.2104



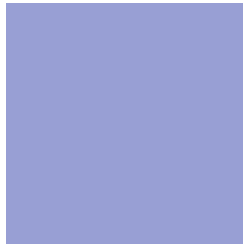
16.8876, 8.6914, 1.4462



1.0387, 0.5323, 0.1932

Previews

White Background



This preview shows how the XYZ color 37.2307, 36.2251, 67.3172 looks on a white background.

Color Contrast Check

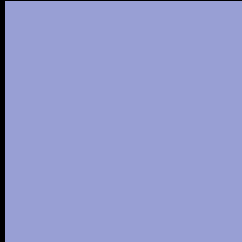
Large Text (above 18pt) WCAG AA × Fail

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 37.2307, 36.2251, 67.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

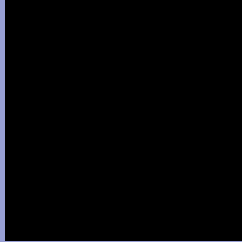
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2307, 36.2251, 67.3172

Background



This preview shows how black text looks on a background with the XYZ color 37.2307, 36.2251, 67.3172.



This preview shows how white text looks on a background with the XYZ color 37.2307, 36.2251,

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

37.2307, 36.2251, 67.3172

Protanopia

36.7938, 36.2416, 68.0069

Deuteranopia

37.0443, 36.1290, 67.3085



Tritanopia

33.1681, 36.1444, 47.3479

Trichromacy



Original Color

37.2307, 36.2251, 67.3172

Protanomaly

36.9755, 36.3353, 68.0154

Deuteranomaly

37.0443, 36.1290, 67.3085

Tritanomaly

34.6042, 36.2080, 53.8802

Monochromacy



Original Color

37.2307, 36.2251, 67.3172

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.5589, 36.5478, 48.8963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2307, 36.2251, 67.3172 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(152, 159, 212)` looks like.

```
.text, #text, p{  
    color:rgb(152, 159, 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(152, 159, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 159, 212) }
```

Border

The CSS property to change the border of an element to XYZ 37.2307, 36.2251, 67.3172 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(152, 159, 212) }
```


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

```
.border{ border-color:rgb(152, 159, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 159, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 159, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 159, 212);  
box-shadow:4px 4px 4px 4px rgb(152, 159,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2307, 36.2251, 67.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 159, 212) }
```

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

```
.background{ background-color: rgb(152,  
159, 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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