

Converting Colors

XYZ(37.2529, 35.1729, 69.7913)

Have a look what the booklet for
XYZ(37.2529, 35.1729, 69.7913)
contains.

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Color

**XYZ(37.2529, 35.1729,
69.7913)**

Conversions

Conversions Part 1

Format	Color
Hex	999BD8
RGB	153, 155, 216
RGB Percent	60%, 61%, 85%
CMY	0.4000, 0.3921, 0.1529
CMYK	0.29, 0.28, 0.00, 0.15
HSL	238°, 45%, 72%
HSV	238°, 29%, 85%
XYZ	37.2529, 35.1729, 69.7913
YIQ	161.3560, -20.7730, 18.5470

Conversions

Conversions Part 2

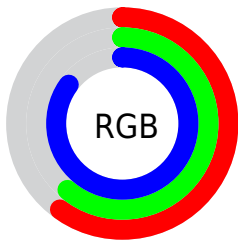
Format	Color
R_{YB}	153, 155, 216
Decimal	10066904
CIE _{Lab}	65.88, 12.97, -31.26
CIE _{LCh}	66, 33.847, 292.528
Yxy	35.1729, 0.2619, 0.2473
Android (android.graphics.Color)	4288256984 (0xFF999BD8)
YUV	161.3560, 26.9395, -7.3282
Hunter-Lab	59.3067, 8.3361, -28.2569

Details

The XYZ color **37.2529, 35.1729, 69.7913** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.1158, 64.9924, 39.6200**, and the grayscale version is **33.9283, 35.6952, 38.8721**.

A 20% lighter version of the original color is **67.1450, 66.3762, 103.8807**, and **16.6389, 15.1832, 35.7719** is the 20% darker color. If you saturate the color by 10%, you get **30.3548, 26.8903, 68.5568**, and if you desaturate by 10%, it is **45.4942, 45.0443, 71.2629**.

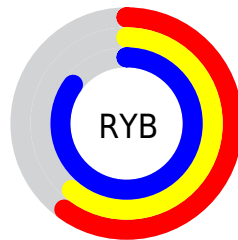
Distribution



Red (60%)

Green (61%)

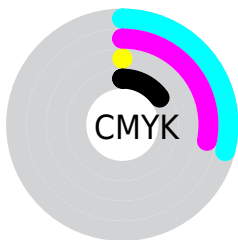
Blue (85%)



Red (60%)

Yellow (61%)

Blue (85%)

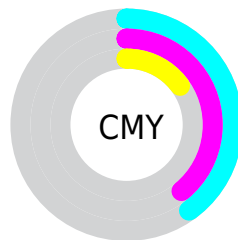


Cyan (29%)

Magenta (28%)

Yellow (0%)

Black (15%)



Cyan (40%)

Magenta (39%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2529, 35.1729, 69.7913 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 37.2529, 35.1729, 69.7913 by changing the saturation by 10% instead.

■ 37.2529, 35.1729,
69.7913

■ 37.2529, 35.1729,
69.7913

325.7407,
325.3308, 478.5862

■ 25.5779, 23.7961,
50.8807

■ 70.2729, 67.7535,
120.5894

■ 16.6392, 15.1824,
35.7376

■ 92.3486, 89.7261,
153.3140

■ 10.0713, 8.9475,
23.9435

118.6220,
115.9995, 191.4802

■ 5.5089, 4.7070,
15.0799

149.4583,
146.9579, 235.5067

■ 2.5866, 2.0764,
8.7282

185.2230,
182.9859, 285.8121

■ 0.9391, 0.6513,
4.4700

226.2814,

■ 0.0000, 0.0000,

224.4678, 342.8147

1.8865

272.9988,
271.7880, 406.9332

■ 0.0000, 0.0000,
0.4842

■ 0.0000, 0.0000,
0.0000

■ 37.2529, 35.1729,
69.7913

■ 37.2529, 35.1729,
69.7913

■ 30.3548, 26.8903,
68.5568

■ 45.4942, 45.0443,
71.2629

■ 24.7253, 20.1096,
67.5447

■ 55.1407, 56.5771,
72.9805

■ 20.2883, 14.7420,
66.7425

■ 66.2550, 69.8442,
74.9556

■ 16.9577, 10.6879,
66.1355

■ 78.8948, 84.9131,
77.1980

■ 14.6362, 7.8342,
65.7070

■ 89.3948, 97.7379,
79.1200

■ 13.2096, 6.0492,
65.4377

■ 12.5107, 5.1563,
65.3022

■ 12.4692, 5.1068,
65.2948

Harmonies

Analogous

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



32.1956, 35.1729, 72.6157



37.2529, 35.1729, 69.7913



41.6599, 35.1729, 57.6182

Triad

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



37.2529, 35.1729, 69.7913



39.6302, 35.1729, 20.3317



24.7724, 35.1729, 34.8259

Complementary

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



37.2529, 35.1729, 69.7913



58.1158, 64.9924, 39.6200

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.



26.3636, 35.1729, 23.8649



37.2529, 35.1729, 69.7913



34.6972, 35.1729, 16.9637

Square

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



37.2529, 35.1729, 69.7913



43.1251, 35.1729, 28.6833



29.8795, 35.1729, 18.0725



25.3104, 35.1729, 49.8502

Rectangle

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



37.2529, 35.1729, 69.7913



43.4699, 35.1729, 47.1770



29.8795, 35.1729, 18.0725



25.0701, 35.1729, 30.6082

Sweetspot

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



37.2541, 35.1743, 69.7921



80.4213, 82.5368, 106.3003



49.8184, 60.7347, 72.6492



16.7431, 17.1043, 22.6690



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.



37.2541, 35.1743, 69.7921



47.8342, 43.5213, 100.4871



43.1730, 37.7354, 69.9745



11.7739, 12.0712, 15.6469



7.3953, 3.0523, 38.6525



0.4574, 0.2069, 2.3351

Inverse Universe

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



45.6275, 39.7492, 36.2793



61.9532, 51.2906, 43.9664



50.7023, 61.9268, 39.4190



12.4391, 12.4271, 12.9864



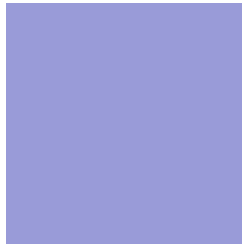
16.7916, 8.6530, 0.9410



1.0185, 0.5242, 0.0870

Previews

White Background



This preview shows how the XYZ color 37.2529, 35.1729, 69.7913 looks on a white background.

Color Contrast Check

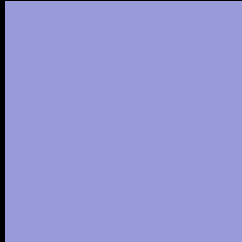
Large Text (above 18pt) WCAG AA × Fail

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 37.2529, 35.1729, 69.7913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

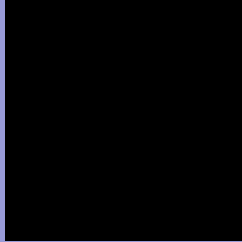
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2529, 35.1729, 69.7913

Background



This preview shows how black text looks on a background with the XYZ color 37.2529, 35.1729, 69.7913.



This preview shows how white text looks on a background with the XYZ color 37.2529, 35.1729,

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

37.2529, 35.1729, 69.7913

Protanopia

36.0371, 35.2665, 71.2374

Deuteranopia

35.9942, 35.2893, 69.2044



Tritanopia

32.6107, 35.3487, 46.1785

Trichromacy



Original Color

37.2529, 35.1729, 69.7913

Protanomaly

36.4354, 35.2347, 70.5263

Deuteranomaly

36.3553, 35.2233, 69.1726

Tritanomaly

34.1875, 35.1991, 54.2824

Monochromacy



Original Color

37.2529, 35.1729, 69.7913

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.8392, 35.4016, 48.7130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2529, 35.1729, 69.7913 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(153, 155, 216)` looks like.

```
.text, #text, p{  
    color:rgb(153, 155, 216)  
}
```

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(153, 155, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 155, 216) }
```

Border

The CSS property to change the border of an element to XYZ 37.2529, 35.1729, 69.7913 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(153, 155, 216) }
```


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

```
.border{ border-color:rgb(153, 155, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 155, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 155, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 155, 216);  
box-shadow:4px 4px 4px 4px rgb(153, 155,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2529, 35.1729, 69.7913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 155, 216) }
```

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

```
.background{ background-color: rgb(153,  
155, 216) }
```

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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