

Converting Colors

XYZ(37.0034, 35.3053, 55.4761)

Have a look what the booklet for
XYZ(37.0034, 35.3053, 55.4761)
contains.

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Color

**XYZ(37.0729, 35.3999,
55.3310)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A69BC1 |
| RGB | 166, 155, 193 |
| RGB Percent | 65%, 61%, 76% |
| CMY | 0.3490, 0.3921, 0.2431 |
| CMYK | 0.14, 0.20, 0.00, 0.24 |
| HSL | 257°, 23%, 68% |
| HSV | 257°, 20%, 76% |
| XYZ | 37.0729, 35.3999, 55.3310 |
| YIQ | 162.6210, -5.6420, 14.1500 |

Conversions

Conversions Part 2

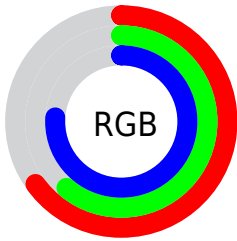
| Format | Color |
|-------------------------------------|---|
| RYB | 166, 155, 193 |
| Decimal | 10918849 |
| CIELab | 66.06, 11.62, -18.12 |
| CIELCh | 66, 21.525, 302.673 |
| Yxy | 35.3999, 0.2901, 0.2770 |
| Android (android.graphics.Color) | 4289108929 (0xFFA69BC1) |
| YUV | 162.6210, 14.9768, 2.9634 |
| Hunter-Lab | 59.4978, 7.1016, -13.4893 |

Details

The XYZ color **37.0729, 35.3999, 55.3310** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.2788, 50.4524, 38.4164**, and the grayscale version is **34.5687, 36.3690, 39.6058**.

A 20% lighter version of the original color is **69.8746, 67.8752, 99.8609**, and **16.5499, 15.3421, 26.5151** is the 20% darker color. If you saturate the color by 10%, you get **31.3912, 28.0785, 54.2178**, and if you desaturate by 10%, it is **43.5768, 43.9091, 56.6312**.

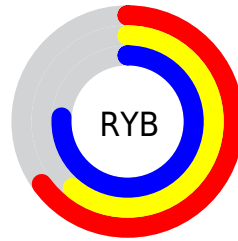
Distribution



Red (65%)

Green (61%)

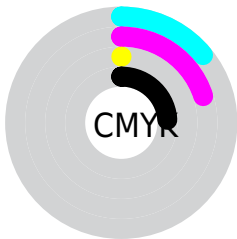
Blue (76%)



Red (65%)

Yellow (61%)

Blue (76%)

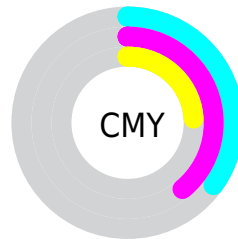


Cyan (14%)

Magenta (20%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (39%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0729, 35.3999, 55.3310 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 37.0729, 35.3999, 55.3310 by changing the saturation by 10% instead.

■ 37.0729, 35.3999,
55.3310

■ 37.0729, 35.3999,
55.3310

324.9761,
326.3300, 424.4827

■ 25.4379, 23.9711,
39.2664

■ 69.9980, 68.1048,
99.5018

■ 16.5341, 15.3122,
26.6576

■ 92.0188, 90.1497,
128.4450

■ 9.9961, 9.0388,
17.0861

118.2322,
116.5021, 162.5182

■ 5.4586, 4.7665,
10.1333

149.0036,
147.5463, 202.1399

■ 2.5563, 2.1109,
5.3807

184.6983,
183.6668, 247.7287

■ 0.9237, 0.6708,
2.4097

225.6817,

■ 0.0000, 0.0000,

225.2480, 299.7031

0.7917

272.3192,
272.6743, 358.4815

■ 0.0000, 0.0000,
0.0000

■ 37.0729, 35.3999,
55.3310

■ 37.0729, 35.3999,
55.3310

■ 31.3912, 28.0785,
54.2178

■ 43.5768, 43.9091,
56.6312

■ 26.4944, 21.8867,
53.2808

■ 50.9314, 53.6516,
58.1241

■ 22.3472, 16.7683,
52.5114

■ 59.1678, 64.6764,
59.8180

■ 18.9103, 12.6602,
51.8996

■ 68.3149, 77.0280,
61.7200

■ 16.1405, 9.4927,
51.4342

■ 78.3997, 90.7490,
63.8369

■ 13.9892, 7.1867,
51.1025

■ 84.1977, 95.3786,
64.4249

■ 12.4005, 5.6495,
50.8895

■ 86.6257, 96.6303,
64.5385

■ 11.2796, 4.7126,
50.7678

■ 11.2491, 4.6872,
50.7645

Harmonies

Analogous

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



33.9338, 35.3999, 58.9242



37.0729, 35.3999, 55.3310



39.4043, 35.3999, 47.1980

Triad

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



37.0729, 35.3999, 55.3310



36.5461, 35.3999, 24.9324



27.8758, 35.3999, 39.3708

Complementary

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



37.0729, 35.3999, 55.3310



44.2788, 50.4524, 38.4164

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.



28.4789, 35.3999, 31.0191



37.0729, 35.3999, 55.3310



33.3609, 35.3999, 23.5063

Square

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



37.0729, 35.3999, 55.3310



39.0868, 35.3999, 29.8058



30.4381, 35.3999, 25.5511



28.7360, 35.3999, 48.8433

Rectangle

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



37.0729, 35.3999, 55.3310



40.1144, 35.3999, 40.8319



30.4381, 35.3999, 25.5511



27.9142, 35.3999, 36.3441

Sweetspot

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



37.0740, 35.4014, 55.3318



82.6008, 84.6523, 102.3463



39.9201, 44.3715, 56.9132



17.5388, 17.9204, 21.9199



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.0740, 35.4014, 55.3318



61.4483, 56.9963, 98.1230



41.2994, 37.5796, 55.5295



9.7961, 9.8861, 12.6767



7.5516, 3.1534, 33.7673



0.3967, 0.1726, 1.4623

Inverse Universe

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



42.1582, 38.1589, 49.4007



72.4278, 62.9564, 85.0808



40.1396, 48.3185, 38.2227



10.3690, 10.1962, 12.0336



17.6732, 8.7591, 16.7232



0.7923, 0.3899, 0.8736

Previews

White Background



This preview shows how the XYZ color 37.0729, 35.3999, 55.3310 looks on a white background.

Color Contrast Check

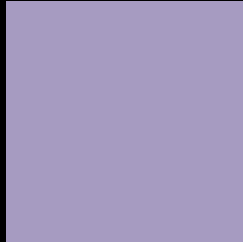
Large Text (above 18pt) WCAG AA × Fail

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 37.0729, 35.3999, 55.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

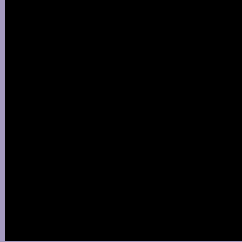
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0729, 35.3999, 55.3310

Background



This preview shows how black text looks on a background with the XYZ color 37.0729, 35.3999, 55.3310.



This preview shows how white text looks on a background with the XYZ color 37.0729, 35.3999,

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

37.0729, 35.3999, 55.3310

Protanopia

35.3108, 35.4572, 57.2074

Deuteranopia

36.1798, 35.4378, 55.3854



Tritanopia

34.6491, 35.4179, 43.5382

Trichromacy



Original Color

37.0729, 35.3999, 55.3310

Protanomaly

35.9818, 35.5619, 56.5975

Deuteranomaly

36.4144, 35.3086, 55.3481

Tritanomaly

35.4678, 35.4949, 47.6297

Monochromacy



Original Color

37.0729, 35.3999, 55.3310

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.5206, 36.0901, 45.1383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0729, 35.3999, 55.3310 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(166, 155, 193)` looks like.

```
.text, #text, p{  
    color:rgb(166, 155, 193)  
}
```

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(166, 155, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 155, 193) }
```

Border

The CSS property to change the border of an element to XYZ 37.0729, 35.3999, 55.3310 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(166, 155, 193) }
```


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

```
.border{ border-color:rgb(166, 155, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 155, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 155, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 155, 193);  
box-shadow:4px 4px 4px 4px rgb(166, 155,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0729, 35.3999, 55.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 155, 193) }
```

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

```
.background{ background-color: rgb(166,  
155, 193) }
```

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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