

Converting Colors

XYZ(36.9898, 36.9600, 60.8807)

Have a look what the booklet for
XYZ(36.9898, 36.9600, 60.8807)
contains.

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Color

**XYZ(37.0986, 37.0735,
61.0777)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA2CA
RGB	155, 162, 202
RGB Percent	61%, 64%, 79%
CMY	0.3921, 0.3647, 0.2078
CMYK	0.23, 0.20, 0.00, 0.21
HSL	231°, 31%, 70%
HSV	231°, 23%, 79%
XYZ	37.0986, 37.0735, 61.0777
YIQ	164.4670, -17.0120, 10.9560

Conversions

Conversions Part 2

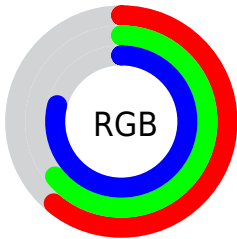
Format	Color
R _Y B	155, 161, 202
Decimal	10199754
CIE Lab	67.33, 6.22, -21.27
CIE LCh	67, 22.158, 286.293
Yxy	37.0735, 0.2743, 0.2741
Android (android.graphics.Color)	4288389834 (0xFF9BA2CA)
YUV	164.4670, 18.5038, -8.3026
Hunter-Lab	60.8880, 2.2047, -16.8531

Details

The XYZ color **37.0986, 37.0735, 61.0777** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.7891, 53.9536, 38.8014**, and the grayscale version is **35.4304, 37.2755, 40.5931**.

A 20% lighter version of the original color is **69.4412, 70.5473, 104.5648**, and **16.6233, 16.3906, 30.3045** is the 20% darker color. If you saturate the color by 10%, you get **30.7174, 29.5923, 59.9706**, and if you desaturate by 10%, it is **44.5446, 45.7200, 62.3548**.

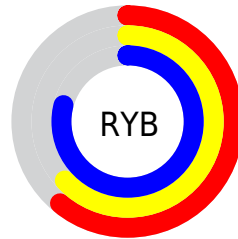
Distribution



Red (61%)

Green (64%)

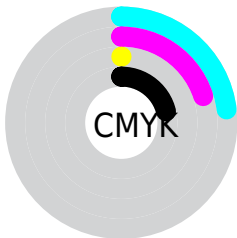
Blue (79%)



Red (61%)

Yellow (63%)

Blue (79%)

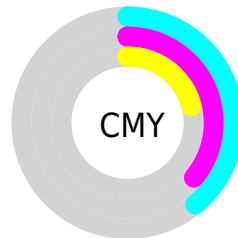


Cyan (23%)

Magenta (20%)

Yellow (0%)

Black (21%)



Cyan (39%)

Magenta (36%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0986, 37.0735, 61.0777 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 37.0986, 37.0735, 61.0777 by changing the saturation by 10% instead.

■ 37.0986, 37.0735,
61.0777

■ 37.0986, 37.0735,
61.0777

325.0853,
333.6286, 446.4733

■ 25.4579, 25.2644,
43.8569

■ 70.0373, 70.6858,
107.9501

■ 16.5491, 16.2742,
30.2217

■ 92.0659, 93.2578,
138.4387

■ 10.0068, 9.7184,
19.7534

118.2879,
120.1863, 174.1871

■ 5.4658, 5.2126,
12.0336

149.0685,
151.8555, 215.6137

■ 2.5606, 2.3726,
6.6438

184.7733,
188.6500, 263.1370

■ 0.9259, 0.8117,
3.1653

225.7674,

■ 0.0000, 0.0000,

230.9541, 317.1757

1.1796

272.4163,
279.1521, 378.1483

■ 0.0000, 0.0000,
0.0000

■ 37.0986, 37.0735,
61.0777

■ 37.0986, 37.0735,
61.0777

■ 30.7174, 29.5923,
59.9706

■ 44.5446, 45.7200,
62.3548

■ 25.3487, 23.2220,
59.0240

■ 53.0977, 55.5742,
63.8061

■ 20.9407, 17.9102,
58.2310

■ 62.8021, 66.6820,
65.4386

■ 17.4358, 13.5989,
57.5836

■ 73.6984, 79.0854,
67.2584

■ 14.7700, 10.2241,
57.0727

■ 85.4556, 92.6339,
69.2539

■ 12.8706, 7.7143,
56.6884

■ 87.6608, 97.0443,
69.9889

■ 11.6519, 5.9868,
56.4192

■ 11.1273, 5.1974,
56.2944

Harmonies

Analogous

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



33.7144, 37.0735, 61.3656



37.0986, 37.0735, 61.0777



40.1647, 37.0735, 54.6957

Triad

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



37.0986, 37.0735, 61.0777



39.9381, 37.0735, 28.3151



29.2738, 37.0735, 36.1009

Complementary

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



37.0986, 37.0735, 61.0777



49.7891, 53.9536, 38.8014

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.



30.7303, 37.0735, 28.7882



37.0986, 37.0735, 61.0777



36.8052, 37.0735, 24.8051

Square

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



37.0986, 37.0735, 61.0777



41.8746, 37.0735, 35.3506



33.4392, 37.0735, 24.9630



29.3412, 37.0735, 45.8363

Rectangle

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



37.0986, 37.0735, 61.0777



41.5518, 37.0735, 48.3511



33.4392, 37.0735, 24.9630



29.5972, 37.0735, 33.3136

Sweetspot

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



37.0998, 37.0750, 61.0785



84.1290, 87.4581, 107.0548



44.4836, 53.1483, 59.5149



17.8153, 18.4988, 22.8816



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.



37.0998, 37.0750, 61.0785



57.0658, 56.0496, 102.4187



39.2758, 36.4166, 60.8368



10.7344, 11.1092, 14.1489



7.2011, 3.4261, 36.2380



0.4157, 0.2652, 1.8842

Inverse Universe

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



42.6010, 38.6090, 39.3910



68.0616, 59.2807, 59.0329



47.1783, 54.9912, 39.1393



11.2793, 11.2405, 12.0054



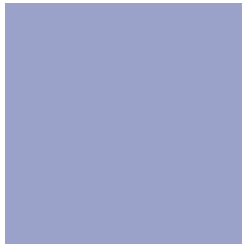
15.8457, 8.1489, 1.6400



0.8398, 0.4293, 0.2022

Previews

White Background



This preview shows how the XYZ color 37.0986, 37.0735, 61.0777 looks on a white background.

Color Contrast Check

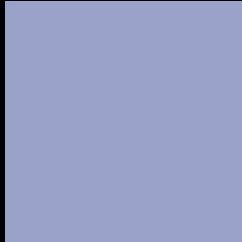
Large Text (above 18pt) WCAG AA × Fail

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 37.0986, 37.0735, 61.0777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

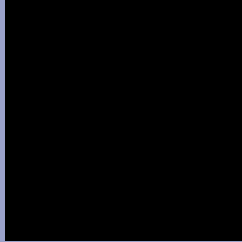
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0986, 37.0735, 61.0777

Background



This preview shows how black text looks on a background with the XYZ color 37.0986, 37.0735, 61.0777.



This preview shows how white text looks on a background with the XYZ color 37.0986, 37.0735,

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

37.0986, 37.0735, 61.0777

Protanopia

36.9074, 36.9750, 61.0688

Deuteranopia

37.7287, 36.8795, 61.0070



Tritanopia

34.5354, 37.1064, 47.9899

Trichromacy



Original Color

37.0986, 37.0735, 61.0777

Protanomaly

36.9074, 36.9750, 61.0688

Deuteranomaly

37.5061, 37.0231, 61.0465

Tritanomaly

35.3737, 37.1735, 52.3245

Monochromacy



Original Color

37.0986, 37.0735, 61.0777

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8310, 36.9858, 47.3700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0986, 37.0735, 61.0777 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(155, 162, 202)` looks like.

```
.text, #text, p{  
    color:rgb(155, 162, 202)  
}
```

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(155, 162, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 162, 202) }
```

Border

The CSS property to change the border of an element to XYZ 37.0986, 37.0735, 61.0777 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(155, 162, 202) }
```


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

```
.border{ border-color:rgb(155, 162, 202) }
```

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

Here you see how a box with a 4 pixel rgb(155, 162, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 162, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 162, 202);  
box-shadow:4px 4px 4px 4px rgb(155, 162,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0986, 37.0735, 61.0777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 162, 202) }
```

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

```
.background{ background-color: rgb(155,  
162, 202) }
```

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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