

Converting Colors

XYZ(37.1896, 37.0416, 61.7756)

Have a look what the booklet for
XYZ(37.1896, 37.0416, 61.7756)
contains.

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Color

**XYZ(37.2174, 37.1210,
61.7034)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA2CB
RGB	155, 162, 203
RGB Percent	61%, 64%, 80%
CMY	0.3921, 0.3647, 0.2039
CMYK	0.24, 0.20, 0.00, 0.20
HSL	231°, 32%, 70%
HSV	231°, 24%, 80%
XYZ	37.2174, 37.1210, 61.7034
YIQ	164.5810, -17.3330, 11.2670

Conversions

Conversions Part 2

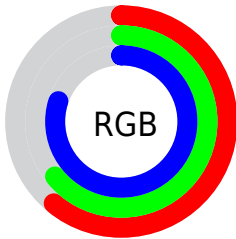
Format	Color
R _Y B	155, 161, 203
Decimal	10199755
CIE Lab	67.37, 6.45, -21.77
CIE LCh	67, 22.705, 286.511
Yxy	37.1210, 0.2736, 0.2729
Android (android.graphics.Color)	4288389835 (0xFF9BA2CB)
YUV	164.5810, 18.9406, -8.4025
Hunter-Lab	60.9270, 2.4149, -17.3966

Details

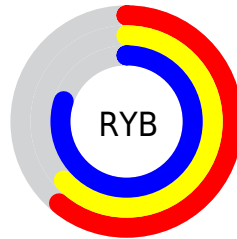
The XYZ color **37.2174, 37.1210, 61.7034** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.2854, 54.5432, 38.8890**, and the grayscale version is **35.4828, 37.3307, 40.6532**.

A 20% lighter version of the original color is **69.4412, 70.5473, 104.5648**, and **16.7028, 16.4224, 30.7233** is the 20% darker color. If you saturate the color by 10%, you get **30.7976, 29.5864, 60.5881**, and if you desaturate by 10%, it is **44.7157, 45.8386, 62.9915**.

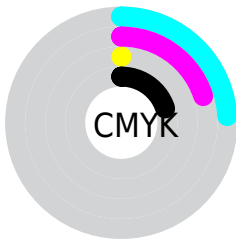
Distribution



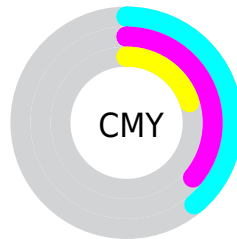
- Red (61%)
- Green (64%)
- Blue (80%)



- Red (61%)
- Yellow (63%)
- Blue (80%)



- Cyan (24%)
- Magenta (20%)
- Yellow (0%)
- Black (20%)



- Cyan (39%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2174, 37.1210, 61.7034 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 37.2174, 37.1210, 61.7034 by changing the saturation by 10% instead.

■ 37.2174, 37.1210,
61.7034

■ 37.2174, 37.1210,
61.7034

325.5900,
333.8341, 448.8261

■ 25.5503, 25.3012,
44.3588

■ 70.2187, 70.7588,
108.8642

■ 16.6184, 16.3016,
30.6135

■ 92.2836, 93.3457,
139.5175

■ 10.0564, 9.7378,
20.0487

118.5451,
120.2903, 175.4441

■ 5.4989, 5.2255,
12.2460

149.3687,
151.9771, 217.0626

■ 2.5806, 2.3802,
6.7869

185.1196,
188.7905, 264.7915

■ 0.9361, 0.8157,
3.2528

226.1632,

■ 0.0000, 0.0000,

231.1148, 319.0494

1.2251

272.8649,
279.3346, 380.2547

■ 0.0000, 0.0000,
0.0000

■ 37.2174, 37.1210,
61.7034

■ 37.2174, 37.1210,
61.7034

■ 30.7976, 29.5864,
60.5881

■ 44.7157, 45.8386,
62.9915

■ 25.4029, 23.1791,
59.6357

■ 53.3354, 55.7825,
64.4565

■ 20.9806, 17.8457,
58.8393

■ 63.1217, 66.9998,
66.1059

■ 17.4718, 13.5266,
58.1906

■ 74.1160, 79.5332,
67.9456

■ 14.8113, 10.1563,
57.6802

■ 85.8025, 93.1376,
69.9556

■ 12.9247, 7.6614,
57.2981

■ 87.7796, 97.0918,
70.6146

■ 11.7243, 5.9570,
57.0324

■ 11.2340, 5.2207,
56.9161

Harmonies

Analogous

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



33.7453, 37.1210, 62.0507



37.2174, 37.1210, 61.7034



40.3602, 37.1210, 55.0849

Triad

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



37.2174, 37.1210, 61.7034



40.0881, 37.1210, 28.0542



29.1705, 37.1210, 36.1134

Complementary

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



37.2174, 37.1210, 61.7034



50.2854, 54.5432, 38.8890

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.



30.6494, 37.1210, 28.6179



37.2174, 37.1210, 61.7034



36.8655, 37.1210, 24.5079

Square

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



37.2174, 37.1210, 61.7034



42.0907, 37.1210, 35.2158



33.4157, 37.1210, 24.6956



29.2510, 37.1210, 46.1099

Rectangle

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



37.2174, 37.1210, 61.7034



41.7783, 37.1210, 48.5431



33.4157, 37.1210, 24.6956



29.4974, 37.1210, 33.2550

Sweetspot

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



37.2186, 37.1225, 61.7042



84.1127, 87.4255, 107.0493



44.8154, 53.6576, 60.1009



17.8115, 18.4913, 22.8804



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.



37.2186, 37.1225, 61.7042



57.0164, 55.9508, 102.4022



39.4712, 36.5036, 61.4661



10.7316, 11.1036, 14.1480



7.1903, 3.4045, 36.2344



0.4145, 0.2627, 1.8838

Inverse Universe

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



42.8725, 38.7489, 39.4036



68.0367, 59.2707, 58.9017



47.5715, 55.5433, 39.2251



11.2779, 11.2399, 11.9980



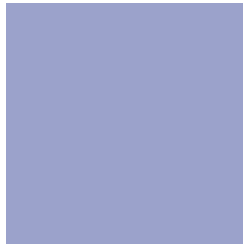
15.8402, 8.1467, 1.6113



0.8391, 0.4291, 0.1988

Previews

White Background



This preview shows how the XYZ color 37.2174, 37.1210, 61.7034 looks on a white background.

Color Contrast Check

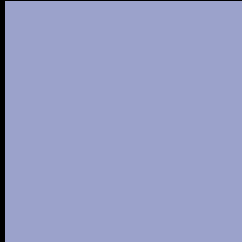
Large Text (above 18pt) WCAG AA × Fail

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 37.2174, 37.1210, 61.7034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

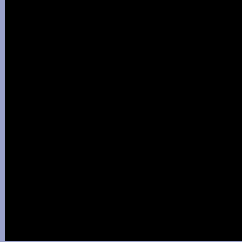
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2174, 37.1210, 61.7034

Background



This preview shows how black text looks on a background with the XYZ color 37.2174, 37.1210, 61.7034.



This preview shows how white text looks on a background with the XYZ color 37.2174, 37.1210,

61.7034.

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

37.2174, 37.1210, 61.7034

Protanopia

37.0262, 37.0225, 61.6945

Deuteranopia

38.0216, 37.2751, 61.6908



Tritanopia

34.3506, 37.0111, 47.9812

Trichromacy



Original Color

37.2174, 37.1210, 61.7034

Protanomaly

37.0262, 37.0225, 61.6945

Deuteranomaly

37.6249, 37.0706, 61.6722

Tritanomaly

35.4811, 37.2165, 52.8904

Monochromacy



Original Color

37.2174, 37.1210, 61.7034

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.1101, 37.3827, 47.9602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2174, 37.1210, 61.7034 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(155, 162, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 162, 203) }
```

Border

The CSS property to change the border of an element to XYZ 37.2174, 37.1210, 61.7034 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, 203) }
```


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

```
.border{ border-color:rgb(155, 162, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 162, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 162, 203);  
box-shadow:4px 4px 4px 4px rgb(155, 162,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2174, 37.1210, 61.7034 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, 203) }
```

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

```
.background{ background-color: rgb(155,  
162, 203) }
```

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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