

Converting Colors

XYZ(37.1936, 37.2438, 67.5158)

Have a look what the booklet for
XYZ(37.1936, 37.2438, 67.5158)
contains.

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Color

**XYZ(37.1936, 37.2438,
67.5158)**

Conversions

Conversions Part 1

Format	Color
Hex	94A3D4
RGB	148, 163, 212
RGB Percent	58%, 64%, 83%
CMY	0.4196, 0.3608, 0.1686
CMYK	0.30, 0.23, 0.00, 0.17
HSL	226°, 43%, 71%
HSV	226°, 30%, 83%
XYZ	37.1936, 37.2438, 67.5158
YIQ	164.1010, -24.6690, 12.0590

Conversions

Conversions Part 2

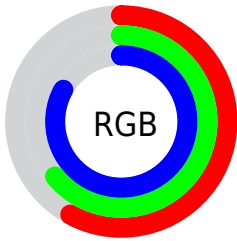
Format	Color
R_{YB}	148, 160, 212
Decimal	9741268
CIE Lab	67.46, 5.98, -26.65
CIE LCh	67, 27.314, 282.644
Yxy	37.2438, 0.2620, 0.2624
Android (android.graphics.Color)	4287931348 (0xFF94A3D4)
YUV	164.1010, 23.6142, -14.1206
Hunter-Lab	61.0277, 1.9891, -22.8740

Details

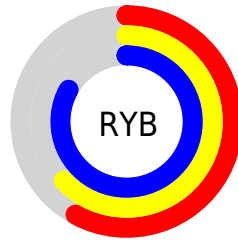
The XYZ color **37.1936, 37.2438, 67.5158** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.4635, 56.0680, 36.0752**, and the grayscale version is **35.2352, 37.0702, 40.3695**.

A 20% lighter version of the original color is **67.7500, 70.0593, 104.5597**, and **16.4896, 16.2361, 34.1631** is the 20% darker color. If you saturate the color by 10%, you get **31.0052, 30.0471, 66.4535**, and if you desaturate by 10%, it is **44.4566, 45.5452, 68.7360**.

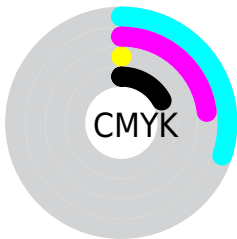
Distribution



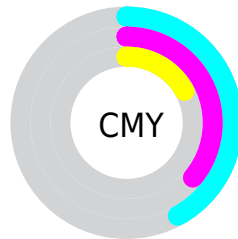
- Red (58%)
- Green (64%)
- Blue (83%)



- Red (58%)
- Yellow (63%)
- Blue (83%)



- Cyan (30%)
- Magenta (23%)
- Yellow (0%)
- Black (17%)



- Cyan (42%)
- Magenta (36%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1936, 37.2438, 67.5158 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 37.1936, 37.2438, 67.5158 by changing the saturation by 10% instead.

■ 37.1936, 37.2438,
67.5158

■ 37.1936, 37.2438,
67.5158

325.4889,
334.3648, 470.3299

■ 25.5318, 25.3963,
49.0397

■ 70.1823, 70.9476,
117.3068

■ 16.6045, 16.3726,
34.2851

■ 92.2400, 93.5727,
149.4589

■ 10.0465, 9.7882,
22.8336

118.4936,
120.5591, 187.0066

■ 5.4923, 5.2587,
14.2665

149.3086,
152.2912, 230.3686

■ 2.5766, 2.3999,
8.1654

185.0502,
189.1535, 279.9634

■ 0.9340, 0.8258,
4.1117

226.0839,

■ 0.0000, 0.0000,

231.5302, 336.2095

1.6868

272.7751,
279.8059, 399.5255

■ 0.0000, 0.0000,
0.3517

■ 0.0000, 0.0000,
0.0000

■ 37.1936, 37.2438,
67.5158

■ 37.1936, 37.2438,
67.5158

■ 31.0052, 30.0471,
66.4535

■ 44.4566, 45.5452,
68.7360

■ 25.8354, 23.9031,
65.5401

■ 52.8393, 54.9917,
70.1175

■ 21.6285, 18.7618,
64.7694

■ 62.3885, 65.6269,
71.6670

■ 18.3218, 14.5672,
64.1341

■ 73.1472, 77.4908,
73.3899

■ 15.8446, 11.2576,
63.6258

■ 85.1563, 90.6216,
75.2915

■ 14.1148, 8.7627,
63.2354

■ 88.8838, 97.5335,
76.4292

■ 13.0112, 7.0084,
62.9550

Harmonies

Analogous

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



33.0478, 37.2438, 66.8279



37.1936, 37.2438, 67.5158



41.1473, 37.2438, 60.0207

Triad

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



37.1936, 37.2438, 67.5158



41.6677, 37.2438, 26.8337



28.2472, 37.2438, 34.0462

Complementary

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



37.1936, 37.2438, 67.5158



52.4635, 56.0680, 36.0752

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.



30.2129, 37.2438, 25.8271



37.1936, 37.2438, 67.5158



37.8593, 37.2438, 22.2631

Square

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



37.1936, 37.2438, 67.5158



43.8641, 37.2438, 35.7045



33.6633, 37.2438, 21.9353



28.0999, 37.2438, 45.8199

Rectangle

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



37.1936, 37.2438, 67.5158



43.0545, 37.2438, 52.1161



33.6633, 37.2438, 21.9353



28.7097, 37.2438, 30.8394

Sweetspot

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



37.1948, 37.2453, 67.5167



81.7536, 85.2014, 106.7444



45.7209, 57.3692, 60.8890



17.0684, 17.7549, 22.7774



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.



37.1948, 37.2453, 67.5167



50.4851, 49.6074, 101.5221



37.7844, 33.8269, 66.8258



11.9765, 12.4765, 15.7145



8.0967, 4.4552, 38.8864



0.5528, 0.3976, 2.3669

Inverse Universe

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



44.3532, 37.8223, 39.6147



63.0999, 51.0163, 52.2640



51.6546, 60.9616, 37.0624



12.5413, 12.4680, 13.5250



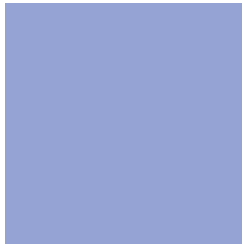
17.1457, 8.7946, 2.8054



1.0667, 0.5435, 0.3405

Previews

White Background



This preview shows how the XYZ color 37.1936, 37.2438, 67.5158 looks on a white background.

Color Contrast Check

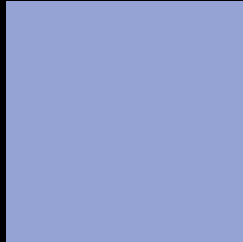
Large Text (above 18pt) WCAG AA × Fail

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 37.1936, 37.2438, 67.5158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

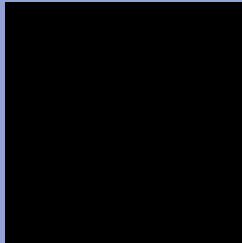
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1936, 37.2438, 67.5158

Background



This preview shows how black text looks on a background with the XYZ color 37.1936, 37.2438, 67.5158.



This preview shows how white text looks on a background with the XYZ color 37.1936, 37.2438,

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

37.1936, 37.2438, 67.5158

Protanopia

37.4407, 37.1231, 66.8202

Deuteranopia

37.9550, 37.1132, 67.4505



Tritanopia

33.6015, 37.1334, 49.6525

Trichromacy



Original Color

37.1936, 37.2438, 67.5158

Protanomaly

37.2559, 37.0278, 66.8115

Deuteranomaly

37.7529, 37.2695, 67.4913

Tritanomaly

34.7635, 37.0520, 55.7716

Monochromacy



Original Color

37.1936, 37.2438, 67.5158

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.7165, 37.1562, 49.0055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1936, 37.2438, 67.5158 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(148, 163, 212)` looks like.

```
.text, #text, p{  
    color:rgb(148, 163, 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(148, 163, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 163, 212) }
```

Border

The CSS property to change the border of an element to XYZ 37.1936, 37.2438, 67.5158 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(148, 163, 212) }
```


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

```
.border{ border-color:rgb(148, 163, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 163, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 163, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 163, 212);  
box-shadow:4px 4px 4px 4px rgb(148, 163,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1936, 37.2438, 67.5158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 163, 212) }
```

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

```
.background{ background-color: rgb(148,  
163, 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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