

Converting Colors

XYZ(34.9069, 35.6324, 57.2628)

Have a look what the booklet for
XYZ(34.9069, 35.6324, 57.2628)
contains.

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Color

**XYZ(34.7474, 35.4230,
57.2305)**

Conversions

Conversions Part 1

Format	Color
Hex	94A0C4
RGB	148, 160, 196
RGB Percent	58%, 63%, 77%
CMY	0.4196, 0.3725, 0.2314
CMYK	0.24, 0.18, 0.00, 0.23
HSL	225°, 29%, 67%
HSV	225°, 24%, 77%
XYZ	34.7474, 35.4230, 57.2305
YIQ	160.5160, -18.7080, 8.6520

Conversions

Conversions Part 2

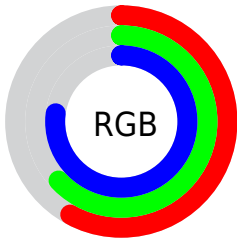
Format	Color
R_{YB}	148, 158, 196
Decimal	9740484
CIE _{Lab}	66.08, 3.74, -19.89
CIE _{LCh}	66, 20.243, 280.645
Yxy	35.4230, 0.2727, 0.2780
Android (android.graphics.Color)	4287930564 (0xFF94A0C4)
YUV	160.5160, 17.4936, -10.9765
Hunter-Lab	59.5172, 0.0569, -15.3499

Details

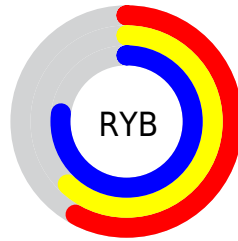
The XYZ color **34.7474, 35.4230, 57.2305** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.2514, 48.1554, 34.9281**, and the grayscale version is **33.5806, 35.3294, 38.4737**.

A 20% lighter version of the original color is **66.6587, 68.3892, 102.6157**, and **15.1750, 15.3771, 27.7594** is the 20% darker color. If you saturate the color by 10%, you get **29.0985, 28.9497, 56.2793**, and if you desaturate by 10%, it is **41.3002, 42.8113, 58.3118**.

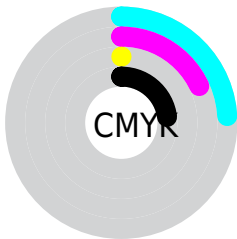
Distribution



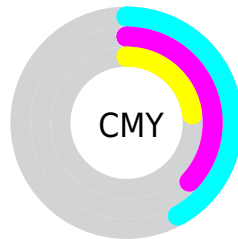
- Red (58%)
- Green (63%)
- Blue (77%)



- Red (58%)
- Yellow (62%)
- Blue (77%)



- Cyan (24%)
- Magenta (18%)
- Yellow (0%)
- Black (23%)



- Cyan (42%)
- Magenta (37%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7474, 35.4230, 57.2305 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 34.7474, 35.4230, 57.2305 by changing the saturation by 10% instead.

■ 34.7474, 35.4230,
57.2305

■ 34.7474, 35.4230,
57.2305

314.9795,
326.4315, 431.8304

■ 23.6340, 23.9889,
40.7797

■ 66.4309, 68.1405,
102.3051

■ 15.1856, 15.3254,
27.8286

■ 87.7316, 90.1928,
131.7660

■ 9.0369, 9.0481,
17.9586

113.1588,
116.5532, 166.4008

■ 4.8226, 4.7725,
10.7511

143.0779,
147.6061, 206.6278

■ 2.1772, 2.1144,
5.7877

177.8541,
183.7361, 252.8658

■ 0.7307, 0.6727,
2.6497

217.8529,

■ 0.0000, 0.0000,

225.3273, 305.5332

0.9180

263.4396,
272.7644, 365.0485

■ 0.0000, 0.0000,
0.0000

■ 34.7474, 35.4230,
57.2305

■ 34.7474, 35.4230,
57.2305

■ 29.0985, 28.9497,
56.2793

■ 41.3002, 42.8113,
58.3118

■ 24.3095, 23.3506,
55.4510

■ 48.7915, 51.1447,
59.5255

■ 20.3375, 18.5881,
54.7411

■ 57.2583, 60.4571,
60.8767

■ 17.1346, 14.6200,
54.1440

■ 66.7345, 70.7795,
62.3697

■ 14.6476, 11.4001,
53.6536

■ 77.2523, 82.1414,
64.0084

■ 12.8159, 8.8772,
53.2631

■ 84.8334, 92.5045,
65.6091

■ 11.5676, 6.9920,
52.9651

■ 86.9639, 96.7656,
66.3193

■ 11.0624, 6.1825,
52.8354

Harmonies

Analogous

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



31.7892, 35.4230, 56.3883



34.7474, 35.4230, 57.2305



37.5751, 35.4230, 52.5408

Triad

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



34.7474, 35.4230, 57.2305



38.2468, 35.4230, 28.7617



28.5048, 35.4230, 33.3400

Complementary

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



34.7474, 35.4230, 57.2305



45.2514, 48.1554, 34.9281

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.



30.0426, 35.4230, 27.3246



34.7474, 35.4230, 57.2305



35.6205, 35.4230, 24.9662

Square

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



34.7474, 35.4230, 57.2305



39.6738, 35.4230, 35.5922



32.6122, 35.4230, 24.4825



28.3020, 35.4230, 41.7086

Rectangle

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



34.7474, 35.4230, 57.2305



38.9612, 35.4230, 47.2659



32.6122, 35.4230, 24.4825



28.8782, 35.4230, 31.0113

Sweetspot

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



34.7485, 35.4244, 57.2313



84.6622, 88.5244, 107.2325



40.5216, 49.2038, 52.2713



17.9384, 18.7450, 22.9226



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.



34.7485, 35.4244, 57.2313



57.6654, 58.1450, 102.7916



34.8925, 32.5579, 56.6704



9.7284, 10.1481, 12.7309



7.1666, 4.0896, 33.9683



0.3666, 0.2906, 1.4866

Inverse Universe

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



39.7010, 35.4548, 38.0101



68.1455, 58.4767, 62.0568



45.0454, 51.9081, 35.6633



10.1742, 10.1183, 11.0079



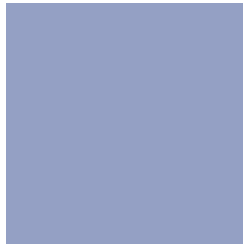
15.0133, 7.6951, 2.7162



0.6774, 0.3440, 0.2687

Previews

White Background



This preview shows how the XYZ color 34.7474, 35.4230, 57.2305 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 34.7474, 35.4230, 57.2305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

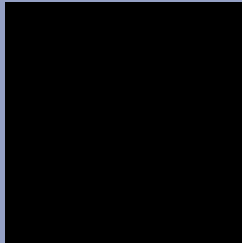
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7474, 35.4230, 57.2305

Background



This preview shows how black text looks on a background with the XYZ color 34.7474, 35.4230, 57.2305.



This preview shows how white text looks on a background with the XYZ color 34.7474, 35.4230,

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

34.7474, 35.4230, 57.2305

Protanopia

35.1974, 35.4118, 56.6098

Deuteranopia

36.2356, 35.4143, 57.7491



Tritanopia

32.4353, 35.2583, 46.1703

Trichromacy



Original Color

34.7474, 35.4230, 57.2305

Protanomaly

35.0110, 35.3157, 56.6011

Deuteranomaly

35.6313, 35.3550, 57.7695

Tritanomaly

33.1446, 35.2793, 49.8624

Monochromacy



Original Color

34.7474, 35.4230, 57.2305

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.0952, 35.6137, 45.1215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7474, 35.4230, 57.2305 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, 160, 196) looks like.

```
.text, #text, p{  
    color:rgb(148, 160, 196)  
}
```

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, 160, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 160, 196) }
```

Border

The CSS property to change the border of an element to XYZ 34.7474, 35.4230, 57.2305 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, 160, 196) }
```


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

```
.border{ border-color:rgb(148, 160, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 160, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 160, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 160, 196);  
box-shadow:4px 4px 4px 4px rgb(148, 160,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7474, 35.4230, 57.2305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 160, 196) }
```

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

```
.background{ background-color: rgb(148,  
160, 196) }
```

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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