

Converting Colors

XYZ(34.3475, 34.7678, 65.8733)

Have a look what the booklet for
XYZ(34.3475, 34.7678, 65.8733)
contains.

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Color

**XYZ(34.3475, 34.7678,
65.8733)**

Conversions

Conversions Part 1

Format	Color
Hex	899FD2
RGB	137, 159, 210
RGB Percent	54%, 62%, 82%
CMY	0.4627, 0.3765, 0.1765
CMYK	0.35, 0.24, 0.00, 0.18
HSL	222°, 45%, 68%
HSV	222°, 35%, 82%
XYZ	34.3475, 34.7678, 65.8733
YIQ	158.2360, -29.4830, 11.1970

Conversions

Conversions Part 2

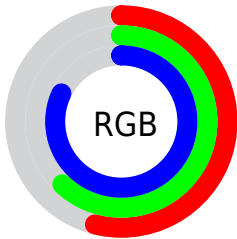
Format	Color
R_{YB}	137, 154, 210
Decimal	9019346
CIE _{Lab}	65.57, 4.56, -28.52
CIE _{LCh}	66, 28.881, 279.079
Yxy	34.7678, 0.2544, 0.2576
Android (android.graphics.Color)	4287209426 (0xFF899FD2)
YUV	158.2360, 25.5197, -18.6240
Hunter-Lab	58.9642, 0.7914, -24.9623

Details

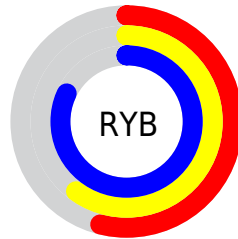
The XYZ color **34.3475, 34.7678, 65.8733** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.0776, 51.4748, 31.0170**, and the grayscale version is **32.5048, 34.1976, 37.2411**.

A 20% lighter version of the original color is **63.8348, 66.5196, 104.0829**, and **14.9351, 14.9765, 33.1139** is the 20% darker color. If you saturate the color by 10%, you get **28.8594, 28.4136, 64.9367**, and if you desaturate by 10%, it is **40.8073, 42.0690, 66.9427**.

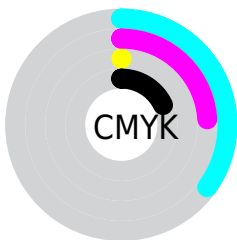
Distribution



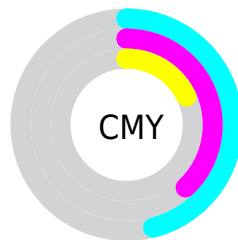
- Red (54%)
- Green (62%)
- Blue (82%)



- Red (54%)
- Yellow (60%)
- Blue (82%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)
- Black (18%)



- Cyan (46%)
- Magenta (38%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3475, 34.7678, 65.8733 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 34.3475, 34.7678, 65.8733 by changing the saturation by 10% instead.

■ 34.3475, 34.7678,
65.8733

■ 34.3475, 34.7678,
65.8733

313.2375,
323.5422, 464.3155

■ 23.3248, 23.4841,
47.7137

■ 65.8144, 67.1259,
114.9297

■ 14.9556, 14.9513,
33.2419

■ 86.9894, 88.9690,
146.6637

■ 8.8743, 8.7852,
22.0392

■ 112.2791,
115.1008, 183.7595

■ 4.7157, 4.6014,
13.6871

142.0490,
145.9055, 226.6357

■ 2.1145, 2.0153,
7.7671

176.6645,
181.7676, 275.7109

■ 0.6971, 0.6164,
3.8607

216.4908,

■ 0.0000, 0.0000,

223.0715, 331.4035

1.5492

261.8934,
270.2016, 394.1322

■ 0.0000, 0.0000,
0.2542

■ 0.0000, 0.0000,
0.0000

■ 34.3475, 34.7678,
65.8733

■ 34.3475, 34.7678,
65.8733

■ 28.8594, 28.4136,
64.9367

■ 40.8073, 42.0690,
66.9427

■ 24.2902, 22.9614,
64.1251

■ 48.2812, 50.3514,
68.1475

■ 20.5868, 18.3683,
63.4338

■ 56.8131, 59.6526,
69.4931

■ 17.6891, 14.5857,
62.8564

■ 66.4432, 70.0067,
70.9841

■ 15.5284, 11.5597,
62.3862

■ 77.2098, 81.4463,
72.6247

■ 14.0228, 9.2278,
62.0154

■ 86.1428, 92.4528,
74.2783

■ 13.4266, 8.2404,
61.8563

■ 88.6330, 97.4332,
75.1084

Harmonies

Analogous

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



30.2222, 34.7678, 64.0879



34.3475, 34.7678, 65.8733



38.4499, 34.7678, 59.0012

Triad

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



34.3475, 34.7678, 65.8733



39.7793, 34.7678, 24.9749



26.0077, 34.7678, 30.1237

Complementary

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



34.3475, 34.7678, 65.8733



49.0776, 51.4748, 31.0170

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.



28.1733, 34.7678, 22.4840



34.3475, 34.7678, 65.8733



36.0399, 34.7678, 19.9826

Square

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



34.3475, 34.7678, 65.8733



41.7574, 34.7678, 34.2940



31.7773, 34.7678, 19.1801



25.6387, 34.7678, 41.6570

Rectangle

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



34.3475, 34.7678, 65.8733



40.5360, 34.7678, 51.1502



31.7773, 34.7678, 19.1801



26.5402, 34.7678, 27.0917

Sweetspot

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



34.3487, 34.7691, 65.8741



80.8607, 84.6360, 106.6823



42.3212, 54.9952, 55.3337



16.9103, 17.6819, 22.7716



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.



34.3487, 34.7691, 65.8741



46.6018, 46.2209, 101.0731



33.2279, 29.0661, 64.8324



11.4500, 11.9903, 14.9545



8.2676, 5.1818, 37.7569



0.5318, 0.4289, 2.1343

Inverse Universe

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



41.7830, 34.0973, 37.1815



60.0706, 45.7110, 48.9321



50.4884, 59.7187, 32.5339



11.9533, 11.8661, 13.0298



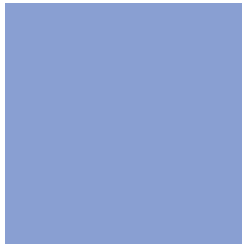
16.8038, 8.5944, 3.8732



0.9747, 0.4946, 0.4015

Previews

White Background



This preview shows how the XYZ color 34.3475, 34.7678, 65.8733 looks on a white background.

Color Contrast Check

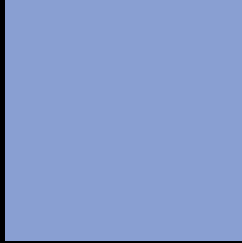
Large Text (above 18pt) WCAG AA × Fail

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 34.3475, 34.7678, 65.8733 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 34.3475, 34.7678, 65.8733

Background



This preview shows how black text looks on a background with the XYZ color 34.3475, 34.7678, 65.8733.



This preview shows how white text looks on a background with the XYZ color 34.3475, 34.7678,

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

34.3475, 34.7678, 65.8733

Protanopia

35.2426, 34.7371, 65.1691

Deuteranopia

35.5004, 34.5911, 66.4337



Tritanopia

30.6969, 34.8704, 47.2322

Trichromacy



Original Color

34.3475, 34.7678, 65.8733

Protanomaly

34.8908, 34.8080, 65.2013

Deuteranomaly

35.1425, 34.6567, 66.4652

Tritanomaly

32.0643, 34.8986, 53.7613

Monochromacy



Original Color

34.3475, 34.7678, 65.8733

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.7403, 34.1121, 46.4537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3475, 34.7678, 65.8733 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(137, 159, 210)` looks like.

```
.text, #text, p{  
    color:rgb(137, 159, 210)  
}
```

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(137, 159, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 159, 210) }
```

Border

The CSS property to change the border of an element to XYZ 34.3475, 34.7678, 65.8733 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(137, 159, 210) }
```


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

```
.border{ border-color:rgb(137, 159, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 159, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 159, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 159, 210);  
box-shadow:4px 4px 4px 4px rgb(137, 159,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3475, 34.7678, 65.8733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 159, 210) }
```

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

```
.background{ background-color: rgb(137,  
159, 210) }
```

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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