

Converting Colors

XYZ(33.9909, 34.4282, 61.3537)

Have a look what the booklet for
XYZ(33.9909, 34.4282, 61.3537)
contains.

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Color

**XYZ(33.9909, 34.4282,
61.3537)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9ECB
RGB	141, 158, 203
RGB Percent	55%, 62%, 80%
CMY	0.4470, 0.3804, 0.2039
CMYK	0.31, 0.22, 0.00, 0.20
HSL	224°, 37%, 67%
HSV	224°, 31%, 80%
XYZ	33.9909, 34.4282, 61.3537
YIQ	158.0470, -24.5770, 10.3910

Conversions

Conversions Part 2

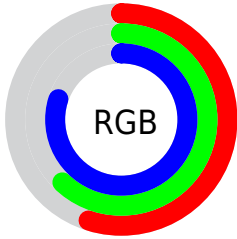
Format	Color
RYB	141, 154, 203
Decimal	9281227
CIELab	65.30, 4.47, -25.02
CIElCh	65, 25.414, 280.128
Yxy	34.4282, 0.2619, 0.2653
Android (android.graphics.Color)	4287471307 (0xFF8D9ECB)
YUV	158.0470, 22.1618, -14.9502
Hunter-Lab	58.6755, 0.7233, -20.9233

Details

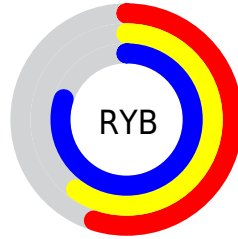
The XYZ color **33.9909, 34.4282, 61.3537** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.9960, 49.7382, 32.3241**, and the grayscale version is **32.4323, 34.1213, 37.1581**.

A 20% lighter version of the original color is **64.6092, 66.5443, 104.0468**, and **14.8023, 14.8092, 30.5121** is the 20% darker color. If you saturate the color by 10%, you get **28.4861, 28.0812, 60.4193**, and if you desaturate by 10%, it is **40.4319, 41.7067, 62.4197**.

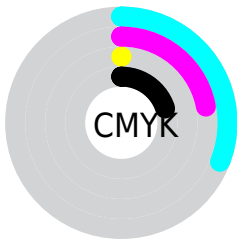
Distribution



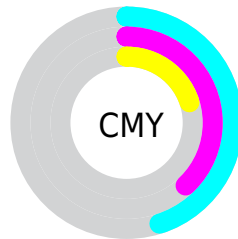
- Red (55%)
- Green (62%)
- Blue (80%)



- Red (55%)
- Yellow (60%)
- Blue (80%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)
- Black (20%)



- Cyan (45%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9909, 34.4282, 61.3537 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 33.9909, 34.4282, 61.3537 by changing the saturation by 10% instead.

■ 33.9909, 34.4282,
61.3537

■ 33.9909, 34.4282,
61.3537

311.6781,
322.0372, 447.5121

■ 23.0495, 23.2227,
44.0783

■ 65.2639, 66.5990,
108.3534

■ 14.7509, 14.7581,
30.3944

■ 86.3262, 88.3331,
138.9148

■ 8.7299, 8.6498,
19.8836

■ 111.4928,
114.3456, 174.7419

■ 4.6212, 4.5135,
12.1272

141.1291,
145.0209, 216.2532

■ 2.0592, 1.9647,
6.7068

175.6004,
180.7433, 263.8674

■ 0.6669, 0.5869,
3.2037

215.2721,

■ 0.0000, 0.0000,

221.8972, 318.0029

1.1996

260.5095,
268.8670, 379.0783

■ 0.0000, 0.0000,
0.0000

■ 33.9909, 34.4282,
61.3537

■ 33.9909, 34.4282,
61.3537

■ 28.4861, 28.0812,
60.4193

■ 40.4319, 41.7067,
62.4197

■ 23.8690, 22.6225,
59.6091

■ 47.8478, 49.9494,
63.6198

■ 20.0915, 18.0116,
58.9182

■ 56.2792, 59.1920,
64.9595

■ 17.0994, 14.2028,
58.3407

■ 65.7632, 69.4676,
66.4430

■ 14.8317, 11.1456,
57.8701

■ 76.3352, 80.8072,
68.0746

■ 13.2173, 8.7827,
57.4991

■ 85.0990, 91.7307,
69.7211

■ 12.1775, 7.1076,
57.2306

■ 87.7796, 97.0918,
70.6146

Harmonies

Analogous

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



30.3621, 34.4282, 60.1171



33.9909, 34.4282, 61.3537



37.5292, 34.4282, 55.3375

Triad

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



33.9909, 34.4282, 61.3537



38.4740, 34.4282, 25.8213



26.4738, 34.4282, 30.9740

Complementary

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



33.9909, 34.4282, 61.3537



46.9960, 49.7382, 32.3241

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.



28.3457, 34.4282, 23.9578



33.9909, 34.4282, 61.3537



35.2032, 34.4282, 21.3949

Square

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



33.9909, 34.4282, 61.3537



40.2437, 34.4282, 34.0142



31.4870, 34.4282, 20.7840



26.2029, 34.4282, 41.1873

Rectangle

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



33.9909, 34.4282, 61.3537



39.2928, 34.4282, 48.5864



31.4870, 34.4282, 20.7840



26.9296, 34.4282, 28.2206

Sweetspot

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



33.9920, 34.4296, 61.3545



82.0194, 85.7331, 106.8330



41.1442, 51.8965, 53.9885



17.1335, 17.8851, 22.7991



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.



33.9920, 34.4296, 61.3545



50.3463, 50.0983, 101.6241



33.7146, 30.2755, 60.5673



10.8479, 11.3363, 14.1867



7.8156, 4.6552, 36.4429



0.4678, 0.3693, 1.9016

Inverse Universe

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



40.3260, 34.2161, 36.8280



62.8422, 50.1949, 53.1215



47.2916, 55.5271, 33.4259



11.3366, 11.2634, 12.3072



16.1559, 8.2729, 3.2734



0.8661, 0.4398, 0.3405

Previews

White Background



This preview shows how the XYZ color 33.9909, 34.4282, 61.3537 looks on a white background.

Color Contrast Check

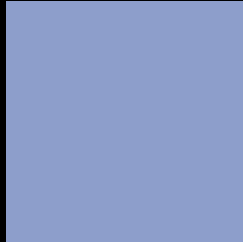
Large Text (above 18pt) WCAG AA × Fail

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 33.9909, 34.4282, 61.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

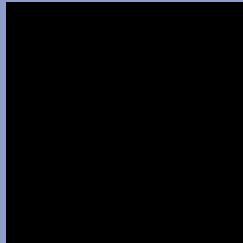
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

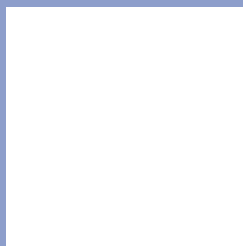
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.9909, 34.4282, 61.3537

Background



This preview shows how black text looks on a background with the XYZ color 33.9909, 34.4282, 61.3537.



This preview shows how white text looks on a background with the XYZ color 33.9909, 34.4282,

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

33.9909, 34.4282, 61.3537

Protanopia

34.7503, 34.5813, 60.7204

Deuteranopia

35.1981, 34.2864, 61.8895



Tritanopia

30.9253, 34.4799, 46.0996

Trichromacy



Original Color

33.9909, 34.4282, 61.3537

Protanomaly

34.3947, 34.3980, 60.7038

Deuteranomaly

34.8202, 34.3396, 61.9197

Tritanomaly

31.9243, 34.3533, 51.4026

Monochromacy



Original Color

33.9909, 34.4282, 61.3537

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.8157, 34.1851, 44.9132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9909, 34.4282, 61.3537 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(141, 158, 203)` looks like.

```
.text, #text, p{  
    color:rgb(141, 158, 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(141, 158, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 158, 203) }
```

Border

The CSS property to change the border of an element to XYZ 33.9909, 34.4282, 61.3537 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(141, 158, 203) }
```


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

```
.border{ border-color:rgb(141, 158, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 158, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 158, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 158, 203);  
box-shadow:4px 4px 4px 4px rgb(141, 158,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9909, 34.4282, 61.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 158, 203) }
```

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

```
.background{ background-color: rgb(141,  
158, 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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