

Converting Colors

XYZ(34.7242, 34.9272, 51.7378)

Have a look what the booklet for
XYZ(34.7242, 34.9272, 51.7378)
contains.

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Color

**XYZ(34.9068, 35.1095,
51.9507)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9EBB
RGB	156, 158, 187
RGB Percent	61%, 62%, 73%
CMY	0.3882, 0.3804, 0.2667
CMYK	0.17, 0.16, 0.00, 0.27
HSL	236°, 19%, 67%
HSV	236°, 17%, 73%
XYZ	34.9068, 35.1095, 51.9507
YIQ	160.7080, -10.5010, 8.5950

Conversions

Conversions Part 2

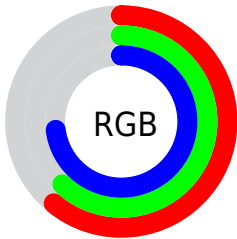
Format	Color
R _Y B	156, 158, 187
Decimal	10264251
CIE Lab	65.83, 5.33, -15.19
CIE LCh	66, 16.097, 289.343
Yxy	35.1095, 0.2862, 0.2879
Android (android.graphics.Color)	4288454331 (0xFF9C9EBB)
YUV	160.7080, 12.9620, -4.1289
Hunter-Lab	59.2533, 1.4632, -10.5056

Details

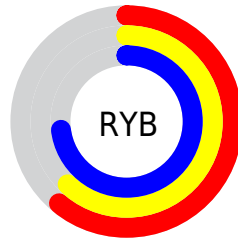
The XYZ color **34.9068, 35.1095, 51.9507** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.8435, 47.6629, 38.3424**, and the grayscale version is **33.6870, 35.4413, 38.5956**.

A 20% lighter version of the original color is **66.8359, 67.9084, 94.3790**, and **15.2697, 15.1797, 24.6794** is the 20% darker color. If you saturate the color by 10%, you get **28.7887, 27.8377, 50.8701**, and if you desaturate by 10%, it is **42.0088, 43.5209, 53.2005**.

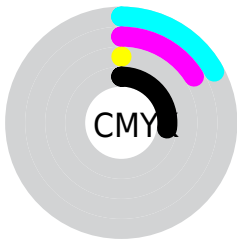
Distribution



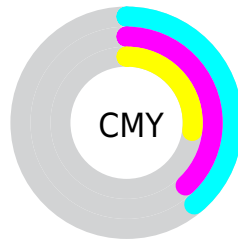
- Red (61%)
- Green (62%)
- Blue (73%)



- Red (61%)
- Yellow (62%)
- Blue (73%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)
- Black (27%)



- Cyan (39%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9068, 35.1095, 51.9507 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 34.9068, 35.1095, 51.9507 by changing the saturation by 10% instead.

■ 34.9068, 35.1095,
51.9507

■ 34.9068, 35.1095,
51.9507

315.6720,
325.0514, 411.1978

■ 23.7573, 23.7472,
36.5838

■ 66.6763, 67.6554,
94.4844

■ 15.2774, 15.1462,
24.5922

■ 88.0270, 89.6078,
122.4882

■ 9.1019, 8.9221,
15.5572

113.5089,
115.8590, 155.5415

■ 4.8653, 4.6904,
9.0604

143.4871,
146.7934, 194.0627

■ 2.2024, 2.0668,
4.6833

178.3272,
182.7955, 238.4704

■ 0.7440, 0.6458,
2.0072

218.3945,

■ 0.0000, 0.0000,

224.2496, 289.1831

0.5597

264.0543,
271.5401, 346.6194

■ 0.0000, 0.0000,
0.0000

■ 34.9068, 35.1095,
51.9507

■ 34.9068, 35.1095,
51.9507

■ 28.7887, 27.8377,
50.8701

■ 42.0088, 43.5209,
53.2005

■ 23.6082, 21.6522,
49.9492

■ 50.1322, 53.1132,
54.6239

■ 19.3197, 16.5022,
49.1812

■ 59.3162, 63.9313,
56.2279

■ 15.8728, 12.3311,
48.5578

■ 69.5972, 76.0164,
58.0187

■ 13.2121, 9.0766,
48.0698

■ 81.0097, 89.4075,
60.0019

■ 11.2752, 6.6696,
47.7073

■ 85.9697, 96.3679,
61.0840

■ 9.9907, 5.0309,
47.4587

■ 9.2672, 4.0639,
47.3102

■ 9.1021, 3.8527,
47.2781

Harmonies

Analogous

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



32.5328, 35.1095, 52.5826



34.9068, 35.1095, 51.9507



36.9578, 35.1095, 47.4024

Triad

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



34.9068, 35.1095, 51.9507



36.4365, 35.1095, 29.1365



29.0790, 35.1095, 35.8594

Complementary

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



34.9068, 35.1095, 51.9507



43.8435, 47.6629, 38.3424

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.



30.0232, 35.1095, 30.3215



34.9068, 35.1095, 51.9507



34.2225, 35.1095, 26.7575

Square

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



34.9068, 35.1095, 51.9507



37.8696, 35.1095, 34.0561



31.8800, 35.1095, 27.1639



29.2427, 35.1095, 42.7280

Rectangle

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



34.9068, 35.1095, 51.9507



37.8306, 35.1095, 43.0322



31.8800, 35.1095, 27.1639



29.2755, 35.1095, 33.7959

Sweetspot

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



34.9079, 35.1109, 51.9515



77.2953, 80.3784, 95.6421



40.2312, 46.1092, 52.6422



16.8067, 17.4465, 21.0243



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.9079, 35.1109, 51.9515



58.2115, 57.7688, 92.2838



37.3142, 35.8486, 51.9671



9.0647, 9.3216, 11.9937



6.2910, 2.6937, 32.5813



0.2635, 0.1397, 1.2819

Inverse Universe

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



38.5544, 36.8112, 37.4226



66.0210, 61.4441, 61.1606



41.1309, 46.8905, 38.3363



9.5545, 9.5461, 10.0429



14.1762, 7.3016, 0.9553



0.5639, 0.2895, 0.0829

Previews

White Background



This preview shows how the XYZ color 34.9068, 35.1095, 51.9507 looks on a white background.

Color Contrast Check

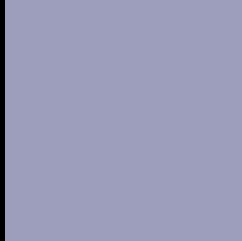
Large Text (above 18pt) WCAG AA × Fail

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 34.9068, 35.1095, 51.9507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

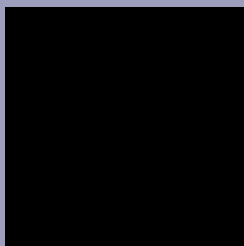
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.9068, 35.1095, 51.9507

Background



This preview shows how black text looks on a background with the XYZ color 34.9068, 35.1095, 51.9507.



This preview shows how white text looks on a background with the XYZ color 34.9068, 35.1095,

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

34.9068, 35.1095, 51.9507

Protanopia

34.5229, 34.9116, 51.9328

Deuteranopia

35.7584, 35.0462, 51.8936



Tritanopia

33.4401, 35.0288, 44.5339

Trichromacy



Original Color

34.9068, 35.1095, 51.9507

Protanomaly

34.7141, 35.0101, 51.9417

Deuteranomaly

35.5238, 35.1754, 51.9309

Tritanomaly

33.9516, 34.9792, 47.0817

Monochromacy



Original Color

34.9068, 35.1095, 51.9507

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.1246, 35.4148, 43.0674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9068, 35.1095, 51.9507 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(156, 158, 187)` looks like.

```
.text, #text, p{  
    color:rgb(156, 158, 187)  
}
```

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(156, 158, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 158, 187) }
```

Border

The CSS property to change the border of an element to XYZ 34.9068, 35.1095, 51.9507 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(156, 158, 187) }
```


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

```
.border{ border-color:rgb(156, 158, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 158, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 158, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 158, 187);  
box-shadow:4px 4px 4px 4px rgb(156, 158,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9068, 35.1095, 51.9507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 158, 187) }
```

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

```
.background{ background-color: rgb(156,  
158, 187) }
```

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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