

Converting Colors

XYZ(35.8990, 34.0608, 53.9760)

Have a look what the booklet for
XYZ(35.8990, 34.0608, 53.9760)
contains.

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Color

**XYZ(35.9420, 34.1106,
53.9799)**

Conversions

Conversions Part 1

Format	Color
Hex	A498BF
RGB	164, 152, 191
RGB Percent	64%, 60%, 75%
CMY	0.3569, 0.4039, 0.2510
CMYK	0.14, 0.20, 0.00, 0.25
HSL	258°, 23%, 67%
HSV	258°, 20%, 75%
XYZ	35.9420, 34.1106, 53.9799
YIQ	160.0340, -5.3670, 14.6730

Conversions

Conversions Part 2

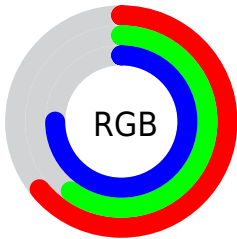
Format	Color
RYB	164, 152, 191
Decimal	10787007
CIELab	65.05, 12.21, -18.55
CIELCh	65, 22.209, 303.366
Yxy	34.1106, 0.2898, 0.2750
Android (android.graphics.Color)	4288977087 (0xFFA498BF)
YUV	160.0340, 15.2662, 3.4782
Hunter-Lab	58.4043, 7.6414, -13.9155

Details

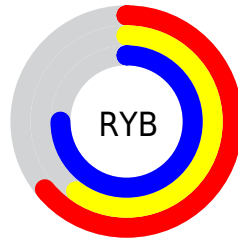
The XYZ color **35.9420, 34.1106, 53.9799** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.8900, 49.1133, 36.9267**, and the grayscale version is **33.3638, 35.1013, 38.2253**.

A 20% lighter version of the original color is **68.0732, 65.9181, 97.1313**, and **15.8511, 14.5582, 25.6415** is the 20% darker color. If you saturate the color by 10%, you get **30.4997, 27.0684, 52.9080**, and if you desaturate by 10%, it is **42.1695, 42.3003, 55.2330**.

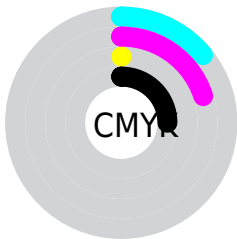
Distribution



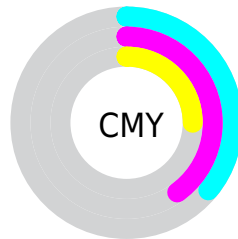
- Red (64%)
- Green (60%)
- Blue (75%)



- Red (64%)
- Yellow (60%)
- Blue (75%)



- Cyan (14%)
- Magenta (20%)
- Yellow (0%)
- Black (25%)



- Cyan (36%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9420, 34.1106, 53.9799 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 35.9420, 34.1106, 53.9799 by changing the saturation by 10% instead.

■ 35.9420, 34.1106,
53.9799

■ 35.9420, 34.1106,
53.9799

320.1426,
320.6249, 419.2058

■ 24.5593, 22.9786,
38.1925

■ 68.2670, 66.1056,
97.5008

■ 15.8760, 14.5777,
25.8292

■ 89.9400, 87.7374,
126.0715

■ 9.5267, 8.5235,
16.4713

115.7738,
113.6379, 159.7403

■ 5.1462, 4.4317,
9.7003

146.1338,
144.1915, 198.9258

■ 2.3689, 1.9179,
5.0977

181.3853,
179.7826, 244.0466

■ 0.8296, 0.5591,
2.2450

221.8937,

■ 0.0000, 0.0000,

220.7956, 295.5212

0.7001

268.0244,
267.6149, 353.7680

■ 0.0000, 0.0000,
0.0000

■ 35.9420, 34.1106,
53.9799

■ 35.9420, 34.1106,
53.9799

■ 30.4997, 27.0684,
52.9080

■ 42.1695, 42.3003,
55.2330

■ 25.8068, 21.1173,
52.0067

■ 49.2094, 51.6821,
56.6728

■ 21.8295, 16.2024,
51.2676

■ 57.0916, 62.3032,
58.3075

■ 18.5301, 12.2624,
50.6810

■ 65.8435, 74.2071,
60.1439

■ 15.8670, 9.2291,
50.2359

■ 75.4913, 87.4351,
62.1886

■ 13.7936, 7.0253,
49.9198

■ 82.2454, 94.3978,
63.1766

■ 12.2558, 5.5602,
49.7181

■ 86.4041, 96.5416,
63.3712

■ 11.1936, 4.6842,
49.6050

Harmonies

Analogous

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



32.7855, 34.1106, 57.7711



35.9420, 34.1106, 53.9799



38.2682, 34.1106, 45.6581

Triad

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



35.9420, 34.1106, 53.9799



35.2727, 34.1106, 23.4539



26.6321, 34.1106, 38.1900

Complementary

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



35.9420, 34.1106, 53.9799



42.8900, 49.1133, 36.9267

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.



27.2022, 34.1106, 29.7544



35.9420, 34.1106, 53.9799



32.0594, 34.1106, 22.1194

Square

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



35.9420, 34.1106, 53.9799



37.8641, 34.1106, 28.2280



29.1380, 34.1106, 24.2275



27.5264, 34.1106, 47.7558

Rectangle

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



35.9420, 34.1106, 53.9799



38.9588, 34.1106, 39.2243



29.1380, 34.1106, 24.2275



26.6590, 34.1106, 35.1321

Sweetspot

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



35.9431, 34.1120, 53.9807



80.7927, 82.7547, 99.9941



38.5344, 42.7987, 55.5208



17.5606, 17.9316, 21.9209



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



35.9431, 34.1120, 53.9807



59.3482, 54.5631, 95.6829



40.2094, 36.3114, 54.1803



9.2852, 9.3639, 11.9902



7.4295, 3.1161, 32.6028



0.3599, 0.1576, 1.2803

Inverse Universe

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



40.8520, 36.7890, 47.5975



69.9866, 60.3701, 81.5999



38.7567, 46.9825, 36.7333



9.8016, 9.6449, 11.3441



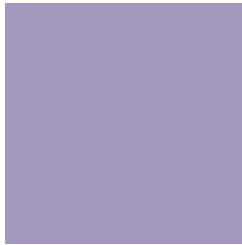
16.9054, 8.3933, 15.3273



0.6902, 0.3400, 0.7478

Previews

White Background



This preview shows how the XYZ color 35.9420, 34.1106, 53.9799 looks on a white background.

Color Contrast Check

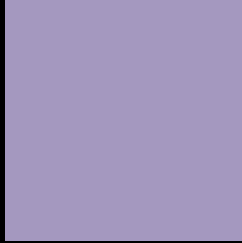
Large Text (above 18pt) WCAG AA × Fail

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 35.9420, 34.1106, 53.9799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

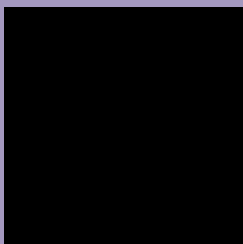
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9420, 34.1106, 53.9799

Background



This preview shows how black text looks on a background with the XYZ color 35.9420, 34.1106, 53.9799.



This preview shows how white text looks on a background with the XYZ color 35.9420, 34.1106,

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

35.9420, 34.1106, 53.9799

Protanopia

34.0205, 34.0615, 55.8204

Deuteranopia

34.8642, 34.0409, 54.0232



Tritanopia

33.4536, 34.0777, 41.8602

Trichromacy



Original Color

35.9420, 34.1106, 53.9799

Protanomaly

34.6734, 34.1630, 55.2187

Deuteranomaly

35.2924, 34.0176, 53.9962

Tritanomaly

34.2558, 34.1543, 45.8613

Monochromacy



Original Color

35.9420, 34.1106, 53.9799

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.1056, 34.6313, 43.4150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9420, 34.1106, 53.9799 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(164, 152, 191)` looks like.

```
.text, #text, p{  
    color:rgb(164, 152, 191)  
}
```

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(164, 152, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 152, 191) }
```

Border

The CSS property to change the border of an element to XYZ 35.9420, 34.1106, 53.9799 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(164, 152, 191) }
```


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

```
.border{ border-color:rgb(164, 152, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 152, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 152, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 152, 191);  
box-shadow:4px 4px 4px 4px rgb(164, 152,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9420, 34.1106, 53.9799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 152, 191) }
```

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

```
.background{ background-color: rgb(164,  
152, 191) }
```

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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