

Converting Colors

XYZ(35.1554, 31.5281, 57.6593)

Have a look what the booklet for
XYZ(35.1554, 31.5281, 57.6593)
contains.

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Color

**XYZ(35.1198, 31.5087,
57.6568)**

Conversions

Conversions Part 1

Format	Color
Hex	A38FC6
RGB	163, 143, 198
RGB Percent	64%, 56%, 78%
CMY	0.3608, 0.4392, 0.2235
CMYK	0.18, 0.28, 0.00, 0.22
HSL	262°, 33%, 67%
HSV	262°, 28%, 78%
XYZ	35.1198, 31.5087, 57.6568
YIQ	155.2500, -5.7350, 21.3450

Conversions

Conversions Part 2

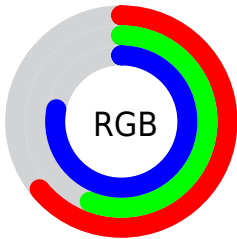
Format	Color
R_{YB}	163, 143, 198
Decimal	10719174
CIE _{Lab}	62.93, 18.55, -25.71
CIE _{LCh}	63, 31.707, 305.817
Yxy	31.5087, 0.2826, 0.2535
Android (android.graphics.Color)	4288909254 (0xFFA38FC6)
YUV	155.2500, 21.0757, 6.7968
Hunter-Lab	56.1326, 13.4478, -21.6071

Details

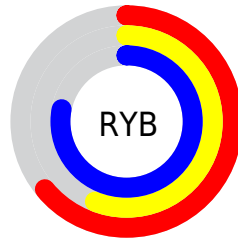
The XYZ color **35.1198, 31.5087, 57.6568** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.5130, 51.8370, 33.7002**, and the grayscale version is **31.1787, 32.8024, 35.7218**.

A 20% lighter version of the original color is **66.9297, 62.0579, 103.0585**, and **15.3788, 13.1573, 28.1146** is the 20% darker color. If you saturate the color by 10%, you get **29.9532, 24.8159, 56.6378**, and if you desaturate by 10%, it is **41.0702, 39.3858, 58.8641**.

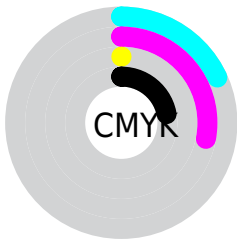
Distribution



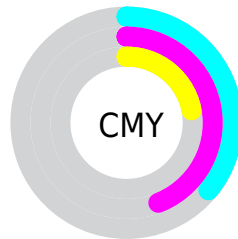
- Red (64%)
- Green (56%)
- Blue (78%)



- Red (64%)
- Yellow (56%)
- Blue (78%)



- Cyan (18%)
- Magenta (28%)
- Yellow (0%)
- Black (22%)



- Cyan (36%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1198, 31.5087, 57.6568 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 35.1198, 31.5087, 57.6568 by changing the saturation by 10% instead.

■ 35.1198, 31.5087,
57.6568

■ 35.1198, 31.5087,
57.6568

316.5956,
308.8751, 433.4684

■ 23.9221, 20.9865,
41.1199

■ 67.0041, 62.0401,
102.9327

■ 15.4003, 13.1141,
28.0924

■ 88.4215, 82.8181,
132.5089

■ 9.1889, 7.5072,
18.1557

113.9761,
107.7835, 167.2686

■ 4.9227, 3.7813,
10.8912

144.0333,
137.3206, 207.6303

■ 2.2363, 1.5520,
5.8805

178.9585,
171.8140, 254.0126

■ 0.7618, 0.3249,
2.7049

219.1171,

■ 0.0000, 0.0000,

211.6479, 306.8340

0.9459

264.8743,
257.2068, 366.5131

■ 0.0000, 0.0000,
0.0000

■ 35.1198, 31.5087,
57.6568

■ 35.1198, 31.5087,
57.6568

■ 29.9532, 24.8159,
56.6378

■ 41.0702, 39.3858,
58.8641

■ 25.5321, 19.2446,
55.7954

■ 47.8339, 48.4981,
60.2665

■ 21.8197, 14.7317,
55.1200

■ 55.4429, 58.8982,
61.8729

■ 18.7744, 11.2062,
54.6000

■ 63.9261, 70.6346,
63.6911

■ 16.3496, 8.5883,
54.2225

■ 73.3114, 83.7531,
65.7286

■ 14.4920, 6.7845,
53.9723

■ 81.4159, 93.8790,
67.2559

■ 13.1270, 5.6607,
53.8273

■ 85.8101, 96.1443,
67.4616

■ 12.8656, 5.4549,
53.8014

■ 87.1931, 96.8573,
67.5263

Harmonies

Analogous

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



30.8046, 31.5087, 64.1195



35.1198, 31.5087, 57.6568



38.2537, 31.5087, 45.0982

Triad

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



35.1198, 31.5087, 57.6568



33.5107, 31.5087, 16.7528



22.3668, 31.5087, 36.7956

Complementary

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



35.1198, 31.5087, 57.6568



43.5130, 51.8370, 33.7002

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.



22.9411, 31.5087, 25.3921



35.1198, 31.5087, 57.6568



29.1075, 31.5087, 15.5542

Square

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



35.1198, 31.5087, 57.6568



37.2635, 31.5087, 22.1015



25.3108, 31.5087, 18.3054



23.6588, 31.5087, 50.3400

Rectangle

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



35.1198, 31.5087, 57.6568



39.0987, 31.5087, 36.0868



25.3108, 31.5087, 18.3054



22.3497, 31.5087, 32.5879

Sweetspot

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



35.1208, 31.5100, 57.6575



84.2681, 85.2883, 106.6286



37.5918, 42.0580, 59.5632



17.6266, 17.6992, 22.7372



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.



35.1208, 31.5100, 57.6575



56.7930, 48.7691, 101.0278



41.1892, 34.6384, 57.9415



10.4148, 10.4721, 13.3899



8.4529, 3.5919, 34.9921



0.4796, 0.2110, 1.6606

Inverse Universe

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



41.1480, 34.8663, 46.6817



69.2835, 55.7328, 77.9119



37.9620, 48.9753, 33.4404



10.9131, 10.7486, 12.5257



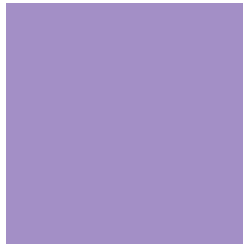
17.6366, 8.8042, 13.8280



0.8690, 0.4304, 0.8332

Previews

White Background



This preview shows how the XYZ color 35.1198, 31.5087, 57.6568 looks on a white background.

Color Contrast Check

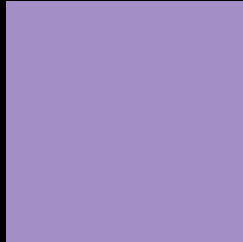
Large Text (above 18pt) WCAG AA × Fail

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 35.1198, 31.5087, 57.6568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

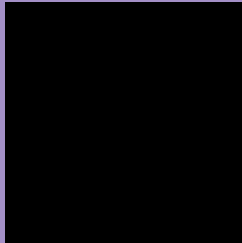
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1198, 31.5087, 57.6568

Background



This preview shows how black text looks on a background with the XYZ color 35.1198, 31.5087, 57.6568.



This preview shows how white text looks on a background with the XYZ color 35.1198, 31.5087,

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

35.1198, 31.5087, 57.6568

Protanopia

32.1220, 31.4907, 61.5120

Deuteranopia

32.4860, 31.7732, 57.2440



Tritanopia

31.3326, 31.5894, 38.6284

Trichromacy



Original Color

35.1198, 31.5087, 57.6568

Protanomaly

32.9484, 31.2427, 60.1710

Deuteranomaly

33.2743, 31.4780, 57.1454

Tritanomaly

32.4697, 31.3335, 44.8941

Monochromacy



Original Color

35.1198, 31.5087, 57.6568

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.5178, 32.3426, 43.0569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1198, 31.5087, 57.6568 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(163, 143, 198)` looks like.

```
.text, #text, p{  
    color:rgb(163, 143, 198)  
}
```

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(163, 143, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 143, 198) }
```

Border

The CSS property to change the border of an element to XYZ 35.1198, 31.5087, 57.6568 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(163, 143, 198) }
```


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

```
.border{ border-color:rgb(163, 143, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 143, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 143, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 143, 198);  
box-shadow:4px 4px 4px 4px rgb(163, 143,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1198, 31.5087, 57.6568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 143, 198) }
```

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

```
.background{ background-color: rgb(163,  
143, 198) }
```

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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