

Converting Colors

XYZ(35.0731, 34.6934, 38.1065)

Have a look what the booklet for
XYZ(35.0731, 34.6934, 38.1065)
contains.

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Color

**XYZ(35.0798, 34.7514,
38.1165)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9BA0
RGB	172, 155, 160
RGB Percent	67%, 61%, 63%
CMY	0.3255, 0.3921, 0.3725
CMYK	0.00, 0.10, 0.07, 0.33
HSL	342°, 9%, 64%
HSV	342°, 10%, 67%
XYZ	35.0798, 34.7514, 38.1165
YIQ	160.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

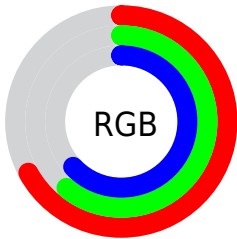
Format	Color
RYB	172, 155, 160
Decimal	11312032
CIELab	65.55, 7.13, -0.34
CIELCh	66, 7.134, 357.239
Yxy	34.7514, 0.3250, 0.3219
Android (android.graphics.Color)	4289502112 (0xFFAC9BA0)
YUV	160.6530, -0.3219, 9.9513
Hunter-Lab	58.9503, 3.0576, 2.9291

Details

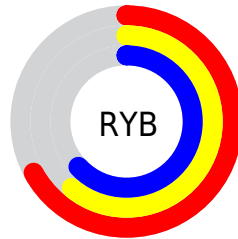
The XYZ color **35.0798, 34.7514, 38.1165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2465, 39.2646, 42.2823**, and the grayscale version is **33.7148, 35.4706, 38.6275**.

A 20% lighter version of the original color is **66.7448, 66.8381, 73.6732**, and **15.4564, 14.9978, 16.5482** is the 20% darker color. If you saturate the color by 10%, you get **31.4079, 29.0251, 31.9050**, and if you desaturate by 10%, it is **39.2652, 41.3377, 45.0120**.

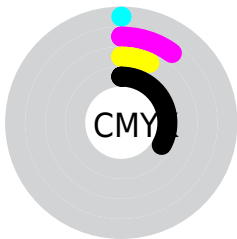
Distribution



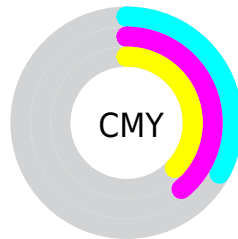
- Red (67%)
- Green (61%)
- Blue (63%)



- Red (67%)
- Yellow (61%)
- Blue (63%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (33%)



- Cyan (33%)
- Magenta (39%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0798, 34.7514, 38.1165 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 35.0798, 34.7514, 38.1165 by changing the saturation by 10% instead.

■ 35.0798, 34.7514,
38.1165

■ 35.0798, 34.7514,
38.1165

316.4223,
323.4697, 353.4326

■ 23.8912, 23.4714,
25.7706

■ 66.9426, 67.1005,
73.4921

■ 15.3772, 14.9420,
16.4279

■ 88.3474, 88.9384,
97.3588

■ 9.1726, 8.7787,
9.6698

113.8884,
115.0644, 125.9029

■ 4.9119, 4.5971,
5.0779

143.9308,
145.8629, 159.5429

■ 2.2299, 2.0129,
2.2335

178.8400,
181.7182, 198.6973

■ 0.7584, 0.6149,
0.6936

218.9815,

■ 0.0000, 0.0000,

223.0149, 243.7847

0.0000

264.7204,
270.1372, 295.2236

■ 35.0798, 34.7514,
38.1165

■ 35.0798, 34.7514,
38.1165

■ 31.4079, 29.0251,
31.9050

■ 39.2652, 41.3377,
45.0120

■ 28.2265, 24.1189,
26.3540

■ 43.9801, 48.8129,
52.6096

■ 25.5150, 19.9962,
21.4417

■ 49.2436, 57.2102,
60.9295

■ 23.2504, 16.6161,
17.1445

■ 55.0726, 66.5595,
69.9904

■ 21.4076, 13.9338,
13.4370

■ 61.4837, 76.8895,
79.8103

■ 19.9588, 11.8997,
10.2920

■ 67.4617, 86.1660,
90.0630

■ 18.8728, 10.4576,
7.6800

■ 69.2556, 86.8836,
99.5099

■ 18.1134, 9.5416,
5.5683

■ 70.8235, 87.5108,
107.7662

■ 17.6069, 9.0117,
3.9101

Harmonies

Analogous

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



34.7503, 34.7514, 41.0413



35.0798, 34.7514, 38.1165



34.8506, 34.7514, 35.2631

Triad

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



35.0798, 34.7514, 38.1165



32.1183, 34.7514, 32.9453



31.9538, 34.7514, 42.8911

Complementary

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



35.0798, 34.7514, 38.1165



35.2465, 39.2646, 42.2823

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.



31.2743, 34.7514, 40.5361



35.0798, 34.7514, 38.1165



31.3678, 34.7514, 34.8066

Square

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



35.0798, 34.7514, 38.1165



33.1271, 34.7514, 32.3724



31.0620, 34.7514, 37.5616



32.9334, 34.7514, 43.8874

Rectangle

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



35.0798, 34.7514, 38.1165



34.4144, 34.7514, 33.7655



31.0620, 34.7514, 37.5616



31.6835, 34.7514, 42.2262

Sweetspot

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



35.0808, 34.7529, 38.1172



68.7216, 71.0307, 77.5537



35.0842, 34.6275, 43.8649



14.8018, 15.2272, 16.6359



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



35.0808, 34.7529, 38.1172



62.0046, 60.4851, 66.4107



35.2260, 35.7291, 36.0519



8.0985, 8.0527, 8.8295



13.1196, 6.7104, 3.0095



0.3892, 0.1964, 0.2111

Inverse Universe

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



35.0808, 34.7529, 38.1172



62.0046, 60.4851, 66.4107



35.0788, 38.1755, 44.5501



8.0985, 8.0527, 8.8295



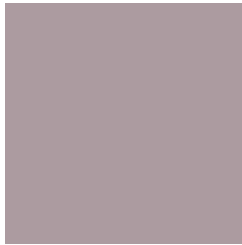
13.1196, 6.7104, 3.0095



0.3892, 0.1964, 0.2111

Previews

White Background



This preview shows how the XYZ color 35.0798, 34.7514, 38.1165 looks on a white background.

Color Contrast Check

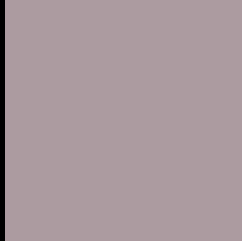
Large Text (above 18pt) WCAG AA × Fail

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 35.0798, 34.7514, 38.1165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

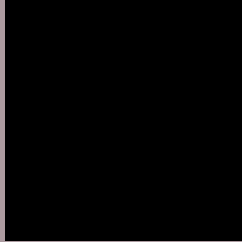
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0798, 34.7514, 38.1165

Background



This preview shows how black text looks on a background with the XYZ color 35.0798, 34.7514, 38.1165.



This preview shows how white text looks on a background with the XYZ color 35.0798, 34.7514,

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

35.0798, 34.7514, 38.1165

Protanopia

33.4464, 34.6394, 39.1057

Deuteranopia

35.3563, 34.6479, 38.0819



Tritanopia

35.6721, 34.7486, 40.9034

Trichromacy



Original Color

35.0798, 34.7514, 38.1165

Protanomaly

34.0070, 34.6865, 38.6210

Deuteranomaly

35.1343, 34.5335, 38.0716

Tritanomaly

35.4900, 34.6758, 39.9445

Monochromacy



Original Color

35.0798, 34.7514, 38.1165

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.3482, 35.3688, 38.7347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0798, 34.7514, 38.1165 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(172, 155, 160)` looks like.

```
.text, #text, p{  
    color:rgb(172, 155, 160)  
}
```

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(172, 155, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 155, 160) }
```

Border

The CSS property to change the border of an element to XYZ 35.0798, 34.7514, 38.1165 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(172, 155, 160) }
```


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

```
.border{ border-color:rgb(172, 155, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 155, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 155, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 155, 160);  
box-shadow:4px 4px 4px 4px rgb(172, 155,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0798, 34.7514, 38.1165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 155, 160) }
```

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

```
.background{ background-color: rgb(172,  
155, 160) }
```

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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