

Converting Colors

XYZ(35.2350, 34.3401, 41.2132)

Have a look what the booklet for
XYZ(35.2350, 34.3401, 41.2132)
contains.

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Color

**XYZ(35.1609, 34.2304,
41.3132)**

Conversions

Conversions Part 1

Format	Color
Hex	AB99A7
RGB	171, 153, 167
RGB Percent	67%, 60%, 65%
CMY	0.3294, 0.4000, 0.3451
CMYK	0.00, 0.11, 0.02, 0.33
HSL	313°, 10%, 64%
HSV	313°, 11%, 67%
XYZ	35.1609, 34.2304, 41.3132
YIQ	159.9780, 6.2340, 8.1700

Conversions

Conversions Part 2

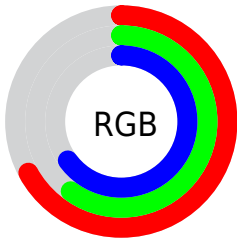
Format	Color
RYB	171, 153, 167
Decimal	11245991
CIELab	65.15, 9.17, -4.89
CIElCh	65, 10.388, 331.948
Yxy	34.2304, 0.3176, 0.3092
Android (android.graphics.Color)	4289436071 (0xFFAB99A7)
YUV	159.9780, 3.4618, 9.6663
Hunter-Lab	58.5068, 4.8866, -0.9115

Details

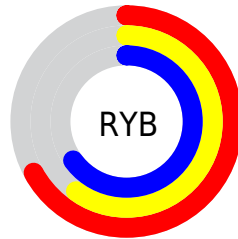
The XYZ color **35.1609, 34.2304, 41.3132** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7869, 38.3334, 37.5185**, and the grayscale version is **33.3868, 35.1255, 38.2517**.

A 20% lighter version of the original color is **66.8617, 66.0683, 78.3357**, and **15.4536, 14.6625, 18.2353** is the 20% darker color. If you saturate the color by 10%, you get **32.2143, 28.8908, 38.6232**, and if you desaturate by 10%, it is **38.5209, 40.3793, 44.1928**.

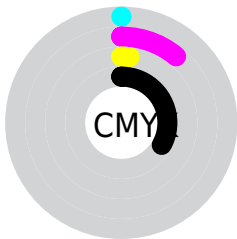
Distribution



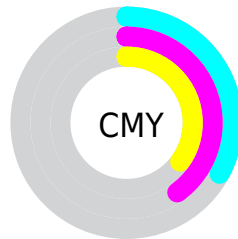
- Red (67%)
- Green (60%)
- Blue (65%)



- Red (67%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1609, 34.2304, 41.3132 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 35.1609, 34.2304, 41.3132 by changing the saturation by 10% instead.

■ 35.1609, 34.2304,
41.3132

■ 35.1609, 34.2304,
41.3132

316.7736,
321.1582, 367.3433

■ 23.9539, 23.0707,
28.2424

■ 67.0673, 66.2918,
78.4179

■ 15.4240, 14.6457,
18.2678

■ 88.4975, 87.9622,
103.2889

■ 9.2058, 8.5711,
10.9710

114.0662,
113.9050, 132.9304

■ 4.9338, 4.4625,
5.9334

144.1386,
144.5046, 167.7608

■ 2.2428, 1.9355,
2.7365

179.0802,
180.1453, 208.1987

■ 0.7652, 0.5696,
0.9617

219.2563,

■ 0.0000, 0.0000,

221.2115, 254.6628

0.0000

265.0323,
268.0877, 307.5714

■ 35.1609, 34.2304,
41.3132

■ 35.1609, 34.2304,
41.3132

■ 32.2143, 28.8908,
38.6232

■ 38.5209, 40.3793,
44.1928

■ 29.6611, 24.3221,
36.1143

■ 42.3074, 47.3650,
47.2656

■ 27.4840, 20.4894,
33.7810

■ 46.5366, 55.2192,
50.5377

■ 25.6632, 17.3532,
31.6161

■ 51.2228, 63.9706,
54.0144

■ 24.1772, 14.8705,
29.6119

■ 56.3799, 73.6467,
57.7007

■ 23.0019, 12.9935,
27.7601

■ 61.8279, 83.8873,
61.5370

■ 22.1101, 11.6678,
26.0511

■ 62.2483, 84.0554,
63.7509

■ 21.4695, 10.8292,
24.4737

■ 62.6796, 84.2280,
66.0222

■ 21.0281, 10.3514,
23.0778

■ 63.1219, 84.4049,
68.3514

Harmonies

Analogous

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



34.0931, 34.2304, 44.7687



35.1609, 34.2304, 41.3132



35.5190, 34.2304, 36.9896

Triad

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



35.1609, 34.2304, 41.3132



32.4365, 34.2304, 29.5743



30.1367, 34.2304, 41.8390

Complementary

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



35.1609, 34.2304, 41.3132



33.7869, 38.3334, 37.5185

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.



29.7229, 34.2304, 37.5540



35.1609, 34.2304, 41.3132



31.0250, 34.2304, 30.6611

Square

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



35.1609, 34.2304, 41.3132



33.9173, 34.2304, 30.4139



30.0431, 34.2304, 33.5016



31.1907, 34.2304, 45.0884

Rectangle

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



35.1609, 34.2304, 41.3132



35.2985, 34.2304, 34.2534



30.0431, 34.2304, 33.5016



29.9196, 34.2304, 40.4610

Sweetspot

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



35.1619, 34.2319, 41.3139



67.3957, 69.3929, 77.8099



32.6285, 32.8825, 43.1559



14.9202, 15.2745, 17.2593



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.



35.1619, 34.2319, 41.3139



61.4727, 58.5790, 72.6536



34.3672, 33.9140, 37.1290



8.2597, 8.1171, 9.6785



15.8722, 7.8114, 17.5041



0.4602, 0.2247, 0.5849

Inverse Universe

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



35.1619, 34.2319, 41.3139



61.4727, 58.5790, 72.6536



34.5747, 38.6486, 41.6669



8.2597, 8.1171, 9.6785



15.8722, 7.8114, 17.5041



0.4602, 0.2247, 0.5849

Previews

White Background



This preview shows how the XYZ color 35.1609, 34.2304, 41.3132 looks on a white background.

Color Contrast Check

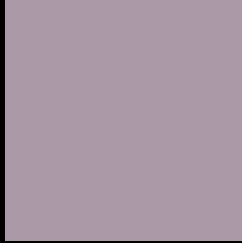
Large Text (above 18pt) WCAG AA × Fail

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 35.1609, 34.2304, 41.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

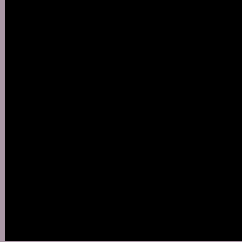
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1609, 34.2304, 41.3132

Background



This preview shows how black text looks on a background with the XYZ color 35.1609, 34.2304, 41.3132.



This preview shows how white text looks on a background with the XYZ color 35.1609, 34.2304,

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

35.1609, 34.2304, 41.3132

Protanopia

33.4132, 34.2853, 42.8869

Deuteranopia

35.1082, 34.4473, 41.3578



Tritanopia

34.9774, 34.1570, 40.3468

Trichromacy



Original Color

35.1609, 34.2304, 41.3132

Protanomaly

34.1542, 34.4280, 42.3813

Deuteranomaly

35.1082, 34.4473, 41.3578

Tritanomaly

35.0688, 34.1936, 40.8281

Monochromacy



Original Color

35.1609, 34.2304, 41.3132

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.9777, 34.6508, 39.5478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1609, 34.2304, 41.3132 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(171, 153, 167)` looks like.

```
.text, #text, p{  
    color:rgb(171, 153, 167)  
}
```

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(171, 153, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 153, 167) }
```

Border

The CSS property to change the border of an element to XYZ 35.1609, 34.2304, 41.3132 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(171, 153, 167) }
```


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

```
.border{ border-color:rgb(171, 153, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 153, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 153, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 153, 167);  
box-shadow:4px 4px 4px 4px rgb(171, 153,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1609, 34.2304, 41.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 153, 167) }
```

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

```
.background{ background-color: rgb(171,  
153, 167) }
```

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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