

Converting Colors

XYZ(35.0537, 34.3356, 34.9500)

Have a look what the booklet for
XYZ(35.0537, 34.3356, 34.9500)
contains.

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Color

**XYZ(35.0455, 34.3125,
34.9129)**

Conversions

Conversions Part 1

Format	Color
Hex	B09999
RGB	176, 153, 153
RGB Percent	69%, 60%, 60%
CMY	0.3098, 0.4000, 0.4000
CMYK	0.00, 0.13, 0.13, 0.31
HSL	0°, 13%, 65%
HSV	0°, 13%, 69%
XYZ	35.0455, 34.3125, 34.9129
YIQ	159.8770, 13.7080, 4.8760

Conversions

Conversions Part 2

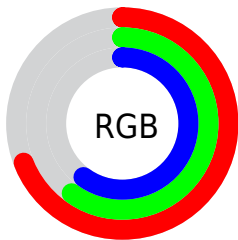
Format	Color
RYB	176, 153, 153
Decimal	11573657
CIELab	65.21, 8.50, 3.13
CIELCh	65, 9.052, 20.208
Yxy	34.3125, 0.3361, 0.3291
Android (android.graphics.Color)	4289763737 (0xFFB09999)
YUV	159.8770, -3.3904, 14.1399
Hunter-Lab	58.5769, 4.2838, 5.6659

Details

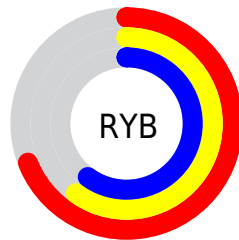
The XYZ color **35.0455, 34.3125, 34.9129** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4985, 40.9567, 47.0564**, and the grayscale version is **33.3684, 35.1062, 38.2307**.

A 20% lighter version of the original color is **66.8540, 66.2864, 68.3025**, and **15.3180, 14.6730, 14.5952** is the 20% darker color. If you saturate the color by 10%, you get **31.0270, 28.4324, 26.9227**, and if you desaturate by 10%, it is **39.7052, 41.1309, 44.1755**.

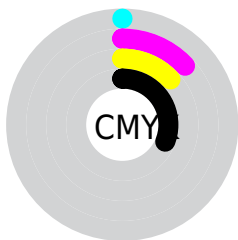
Distribution



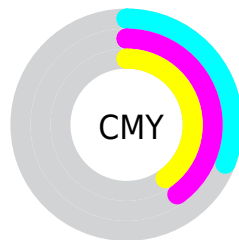
- Red (69%)
- Green (60%)
- Blue (60%)



- Red (69%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (13%)
- Black (31%)



- Cyan (31%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0455, 34.3125, 34.9129 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 35.0455, 34.3125, 34.9129 by changing the saturation by 10% instead.

■ 35.0455, 34.3125,
34.9129

■ 35.0455, 34.3125,
34.9129

316.2736,
321.5232, 339.0763

■ 23.8646, 23.1338,
23.3128

■ 66.8898, 66.4193,
68.5009

■ 15.3574, 14.6923,
14.6172

■ 88.2839, 88.1162,
91.3258

■ 9.1586, 8.6037,
8.4075

113.8132,
114.0880, 118.7293

■ 4.9027, 4.4836,
4.2653

143.8429,
144.7190, 151.1301

■ 2.2244, 1.9476,
1.7720

178.7384,
180.3936, 188.9467

■ 0.7556, 0.5768,
0.4094

218.8652,

■ 0.0000, 0.0000,

221.4963, 232.5975

0.0000

264.5884,
268.4113, 282.5012

■ 35.0455, 34.3125,
34.9129

■ 35.0455, 34.3125,
34.9129

■ 31.0270, 28.4324,
26.9227

■ 39.7052, 41.1309,
44.1755

■ 27.6188, 23.4454,
20.1474

■ 45.0294, 48.9215,
54.7603

■ 24.7921, 19.3092,
14.5280

■ 51.0436, 57.7218,
66.7172

■ 22.5144, 15.9762,
10.0001

■ 57.7714, 67.5662,
80.0928

■ 20.7500, 13.3943,
6.4929

■ 65.2351, 78.4873,
94.9316

■ 19.4592, 11.5053,
3.9271

■ 71.7146, 87.9702,
107.8079

■ 18.5962, 10.2424,
2.2119

■ 18.1064, 9.5256,
1.2386

■ 17.9049, 9.2307,
0.8380

Harmonies

Analogous

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



35.1704, 34.3125, 38.6064



35.0455, 34.3125, 34.9129



34.2592, 34.3125, 32.0647

Triad

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



35.0455, 34.3125, 34.9129



30.7073, 34.3125, 32.9122



32.1846, 34.3125, 44.9657

Complementary

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



35.0455, 34.3125, 34.9129



36.4985, 40.9567, 47.0564

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.



31.0204, 34.3125, 43.2094



35.0455, 34.3125, 34.9129



30.1827, 34.3125, 36.1416

Square

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



35.0455, 34.3125, 34.9129



31.7468, 34.3125, 30.9646



30.2958, 34.3125, 39.9199



33.4948, 34.3125, 44.5815

Rectangle

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



35.0455, 34.3125, 34.9129



33.4772, 34.3125, 30.9487



30.2958, 34.3125, 39.9199



31.7638, 34.3125, 44.6018

Sweetspot

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



35.0465, 34.3140, 34.9136



71.1112, 73.2799, 78.3290



37.1326, 35.1476, 45.9017



15.2684, 15.6724, 16.6919



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.0465, 34.3140, 34.9136



61.0965, 58.6258, 58.4193



37.0198, 38.2607, 35.5714



8.4965, 8.5055, 8.8464



13.1371, 6.7728, 0.6149



0.4134, 0.2132, 0.0194

Inverse Universe

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



36.4985, 40.9567, 47.0564



64.3055, 73.3066, 85.2556



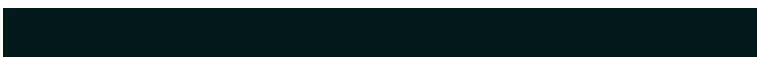
34.3389, 36.6376, 46.3365



8.7426, 9.6314, 10.9046



17.1375, 25.0754, 34.0738



0.5393, 0.7890, 1.0721

Previews

White Background



This preview shows how the XYZ color 35.0455, 34.3125, 34.9129 looks on a white background.

Color Contrast Check

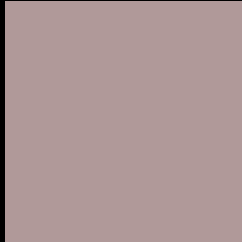
Large Text (above 18pt) WCAG AA × Fail

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 35.0455, 34.3125, 34.9129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

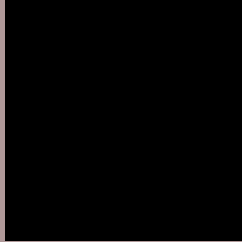
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0455, 34.3125, 34.9129

Background



This preview shows how black text looks on a background with the XYZ color 35.0455, 34.3125, 34.9129.



This preview shows how white text looks on a background with the XYZ color 35.0455, 34.3125,

34.9129.

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

35.0455, 34.3125, 34.9129

Protanopia

33.1279, 34.5354, 36.3725

Deuteranopia

35.0455, 34.3125, 34.9129



Tritanopia

35.8089, 34.1247, 39.3497

Trichromacy



Original Color

35.0455, 34.3125, 34.9129

Protanomaly

33.7412, 34.3590, 35.8639

Deuteranomaly

35.0455, 34.3125, 34.9129

Tritanomaly

35.6177, 34.3068, 37.5455

Monochromacy



Original Color

35.0455, 34.3125, 34.9129

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.8687, 34.6553, 36.8024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0455, 34.3125, 34.9129 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(176, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(176, 153, 153)  
}
```

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(176, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 153, 153) }
```

Border

The CSS property to change the border of an element to XYZ 35.0455, 34.3125, 34.9129 is called "border". The border property can be set on classes, ids or directly on the HTML element.

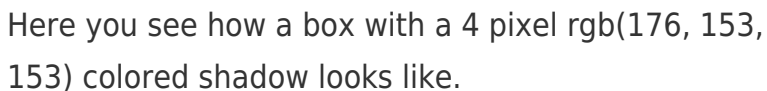
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 153, 153) }
```


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

```
.border{ border-color:rgb(176, 153, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(176, 153,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0455, 34.3125, 34.9129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 153, 153) }
```

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

```
.background{ background-color: rgb(176,  
153, 153) }
```

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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