

Converting Colors

XYZ(36.3955, 35.8658, 41.0809)

Have a look what the booklet for
XYZ(36.3955, 35.8658, 41.0809)
contains.

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Color

**XYZ(36.3955, 35.8658,
41.0809)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9DA6
RGB	174, 157, 166
RGB Percent	68%, 62%, 65%
CMY	0.3176, 0.3843, 0.3490
CMYK	0.00, 0.10, 0.05, 0.32
HSL	328°, 9%, 65%
HSV	328°, 10%, 68%
XYZ	36.3955, 35.8658, 41.0809
YIQ	163.1090, 7.2430, 6.4030

Conversions

Conversions Part 2

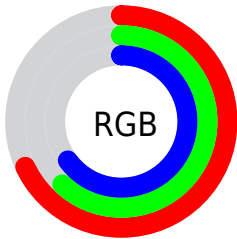
Format	Color
RYB	174, 157, 166
Decimal	11443622
CIELab	66.42, 7.84, -2.42
CIELCh	66, 8.202, 342.841
Yxy	35.8658, 0.3211, 0.3164
Android (android.graphics.Color)	4289633702 (0xFFAE9DA6)
YUV	163.1090, 1.4253, 9.5514
Hunter-Lab	59.8881, 3.6749, 1.2510

Details

The XYZ color **36.3955, 35.8658, 41.0809** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8336, 40.1579, 41.4620**, and the grayscale version is **34.8562, 36.6714, 39.9352**.

A 20% lighter version of the original color is **69.2278, 69.1304, 78.1014**, and **16.2173, 15.6605, 18.0876** is the 20% darker color. If you saturate the color by 10%, you get **32.9315, 30.1016, 36.3371**, and if you desaturate by 10%, it is **40.3287, 42.4908, 46.2180**.

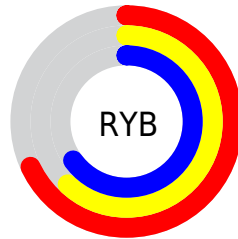
Distribution



Red (68%)

Green (62%)

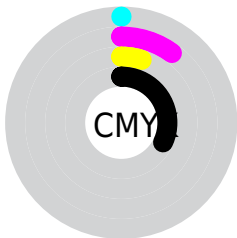
Blue (65%)



Red (68%)

Yellow (62%)

Blue (65%)

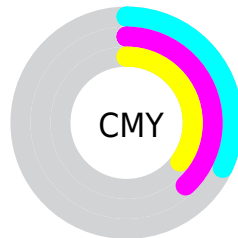


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (32%)



Cyan (32%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3955, 35.8658, 41.0809 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 36.3955, 35.8658, 41.0809 by changing the saturation by 10% instead.


 36.3955, 35.8658,
41.0809


 36.3955, 35.8658,
41.0809


322.0871,
328.3736, 366.3453

 24.9113, 24.3306,
28.0621


 68.9620, 68.8249,
78.0617

 16.1394, 15.5790,
18.1330


 90.7750, 91.0175,
102.8608

 9.7143, 9.2268,
10.8751


116.7616,
117.5314, 132.4237

 5.2708, 4.8894,
5.8698

147.2873,
148.7510, 167.1691

 2.4434, 2.1825,
2.6986

182.7173,
185.0606, 207.5154

 0.8668, 0.7104,
0.9427

223.4170,

 0.0000, 0.0000,

226.8446, 253.8811

0.0000

269.7518,
274.4875, 306.6849

■ 36.3955, 35.8658,
41.0809

■ 36.3955, 35.8658,
41.0809

■ 32.9315, 30.1016,
36.3371

■ 40.3287, 42.4908,
46.2180

■ 29.9150, 25.1578,
31.9738

■ 44.7455, 50.0054,
51.7563

■ 27.3273, 20.9980,
27.9806

■ 49.6633, 58.4429,
57.7060

■ 25.1471, 17.5809,
24.3459

■ 55.0979, 67.8333,
64.0764

■ 23.3512, 14.8616,
21.0571

■ 61.0644, 78.2056,
70.8765

■ 21.9137, 12.7901,
18.1008

■ 65.4996, 85.4323,
77.4225

■ 20.8055, 11.3099,
15.4620

■ 66.5797, 85.8644,
83.1101

■ 19.9926, 10.3545,
13.1241

■ 67.7132, 86.3178,
89.0792

■ 19.4048, 9.7854,
11.0583

■ 68.9010, 86.7929,
95.3337

Harmonies

Analogous

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



35.7202, 35.8658, 44.2228



36.3955, 35.8658, 41.0809



36.4436, 35.8658, 37.5681

Triad

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



36.3955, 35.8658, 41.0809



33.5673, 35.8658, 32.8229



32.3872, 35.8658, 43.8325

Complementary

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



36.3955, 35.8658, 41.0809



35.8336, 40.1579, 41.4620

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.



31.8387, 35.8658, 40.5739



36.3955, 35.8658, 41.0809



32.5090, 35.8658, 34.3004

Square

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



36.3955, 35.8658, 41.0809



34.7907, 35.8658, 32.9405



31.8828, 35.8658, 37.0906



33.3975, 35.8658, 45.8756

Rectangle

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



36.3955, 35.8658, 41.0809



36.1118, 35.8658, 35.4983



31.8828, 35.8658, 37.0906



32.1439, 35.8658, 42.8348

Sweetspot

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



36.3965, 35.8674, 41.0817



70.7132, 72.9515, 80.6941



35.2015, 35.1639, 44.9770



15.5882, 15.9974, 17.7681



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.



36.3965, 35.8674, 41.0817



64.4057, 62.3616, 72.3489



35.6482, 35.5680, 37.1408



8.1757, 8.0835, 9.2361



14.0952, 7.1006, 8.1468



0.4195, 0.2085, 0.3707

Inverse Universe

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



36.3965, 35.8674, 41.0817



64.4057, 62.3616, 72.3489



36.6267, 40.4751, 45.6381



8.1757, 8.0835, 9.2361



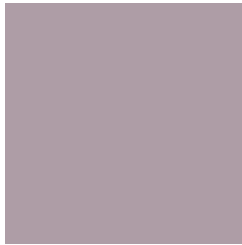
14.0952, 7.1006, 8.1468



0.4195, 0.2085, 0.3707

Previews

White Background



This preview shows how the XYZ color 36.3955, 35.8658, 41.0809 looks on a white background.

Color Contrast Check

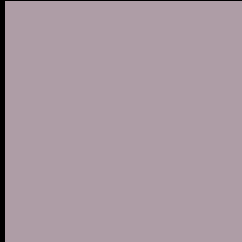
Large Text (above 18pt) WCAG AA × Fail

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 36.3955, 35.8658, 41.0809 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 36.3955, 35.8658, 41.0809

Background



This preview shows how black text looks on a background with the XYZ color 36.3955, 35.8658, 41.0809.



This preview shows how white text looks on a background with the XYZ color 36.3955, 35.8658,

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

36.3955, 35.8658, 41.0809

Protanopia

34.7130, 35.9983, 42.1646

Deuteranopia

36.6191, 35.9811, 41.0914



Tritanopia

36.6740, 35.9772, 42.5475

Trichromacy



Original Color

36.3955, 35.8658, 41.0809

Protanomaly

35.2717, 36.0386, 41.6563

Deuteranomaly

36.6191, 35.9811, 41.0914

Tritanomaly

36.5804, 35.9398, 42.0549

Monochromacy



Original Color

36.3955, 35.8658, 41.0809

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.3821, 36.3856, 40.2802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3955, 35.8658, 41.0809 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(174, 157, 166)` looks like.

```
.text, #text, p{  
    color:rgb(174, 157, 166)  
}
```

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(174, 157, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 157, 166) }
```

Border

The CSS property to change the border of an element to XYZ 36.3955, 35.8658, 41.0809 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(174, 157, 166) }
```


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

```
.border{ border-color:rgb(174, 157, 166) }
```

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

Here you see how a box with a 4 pixel rgb(174, 157, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 157, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 157, 166);  
box-shadow:4px 4px 4px 4px rgb(174, 157,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3955, 35.8658, 41.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 157, 166) }
```

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

```
.background{ background-color: rgb(174,  
157, 166) }
```

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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