

Converting Colors

XYZ(37.4852, 35.9086, 44.5329)

Have a look what the booklet for
XYZ(37.4852, 35.9086, 44.5329)
contains.

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Color

**XYZ(37.3956, 35.8069,
44.4756)**

Conversions

Conversions Part 1

Format	Color
Hex	B19BAD
RGB	177, 155, 173
RGB Percent	69%, 61%, 68%
CMY	0.3059, 0.3921, 0.3216
CMYK	0.00, 0.12, 0.02, 0.31
HSL	311°, 12%, 65%
HSV	311°, 12%, 69%
XYZ	37.3956, 35.8069, 44.4756
YIQ	163.6300, 7.3340, 10.2620

Conversions

Conversions Part 2

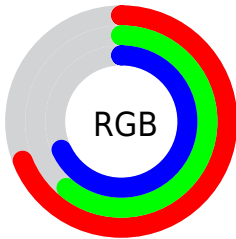
Format	Color
RYB	177, 155, 173
Decimal	11639725
CIELab	66.37, 11.33, -6.37
CIELCh	66, 12.997, 330.634
Yxy	35.8069, 0.3178, 0.3043
Android (android.graphics.Color)	4289829805 (0xFFB19BAD)
YUV	163.6300, 4.6194, 11.7255
Hunter-Lab	59.8389, 6.8335, -2.1804

Details

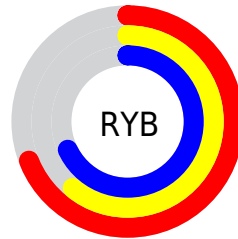
The XYZ color **37.3956, 35.8069, 44.4756** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4991, 40.9170, 38.8295**, and the grayscale version is **35.0880, 36.9153, 40.2008**.

A 20% lighter version of the original color is **70.4083, 68.5260, 82.9147**, and **16.7137, 15.5662, 20.2128** is the 20% darker color. If you saturate the color by 10%, you get **34.3557, 30.2192, 41.9445**, and if you desaturate by 10%, it is **40.8768, 42.2643, 47.1917**.

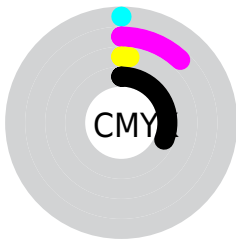
Distribution



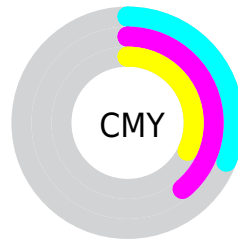
- Red (69%)
- Green (61%)
- Blue (68%)



- Red (69%)
- Yellow (61%)
- Blue (68%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (31%)





- Cyan (31%)
- Magenta (39%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3956, 35.8069, 44.4756 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 37.3956, 35.8069, 44.4756 by changing the saturation by 10% instead.


 37.3956, 35.8069,
44.4756


 37.3956, 35.8069,
44.4756


326.3460,
328.1158, 380.7436

 25.6890, 24.2851,
30.7046

 70.4907, 68.7339,
83.2430

 16.7226, 15.5452,
20.1175


 92.6099, 90.9079,
109.0766

 10.1310, 9.2029,
12.2955


118.9307,
117.4014, 139.7681

 5.5488, 4.8738,
6.8203

149.8185,
148.5989, 175.7360

 2.6108, 2.1734,
3.2732

185.6385,
184.8847, 217.3990

 0.9514, 0.7054,
1.2358

226.7562,

 0.0000, 0.0000,

226.6431, 265.1756

0.0083

273.5369,
274.2587, 319.4843

■ 0.0000, 0.0000,
0.0000

■ 37.3956, 35.8069,
44.4756

■ 37.3956, 35.8069,
44.4756

■ 34.3557, 30.2192,
41.9445

■ 40.8768, 42.2643,
47.1917

■ 31.7354, 25.4590,
39.5895

■ 44.8139, 49.6220,
50.0967

■ 29.5154, 21.4878,
37.4045

■ 49.2246, 57.9145,
53.1970

■ 27.6741, 18.2620,
35.3820

■ 54.1246, 67.1736,
56.4982

■ 26.1874, 15.7339,
33.5137

■ 59.5291, 77.4291,
60.0056

■ 25.0287, 13.8502,
31.7904

■ 63.4409, 84.6869,
63.0538

■ 24.1674, 12.5498,
30.2017

■ 63.8023, 84.8315,
64.9569

■ 23.5671, 11.7600,
28.7352

■ 64.1715, 84.9792,
66.9014

■ 23.2282, 11.3858,
27.6864

■ 64.5487, 85.1300,
68.8876

Harmonies

Analogous

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



35.9736, 35.8069, 48.9417



37.3956, 35.8069, 44.4756



37.9090, 35.8069, 38.8692

Triad

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



37.3956, 35.8069, 44.4756



33.9920, 35.8069, 29.2341



30.9178, 35.8069, 44.7001

Complementary

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



37.3956, 35.8069, 44.4756



35.4991, 40.9170, 38.8295

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.



30.4313, 35.8069, 39.1063



37.3956, 35.8069, 44.4756



32.1643, 35.8069, 30.4839

Square

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



37.3956, 35.8069, 44.4756



35.8992, 35.8069, 30.3835



30.8790, 35.8069, 33.9708



32.2333, 35.8069, 49.0798

Rectangle

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



37.3956, 35.8069, 44.4756



37.6522, 35.8069, 35.3359



30.8790, 35.8069, 33.9708



30.6542, 35.8069, 42.8826

Sweetspot

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



37.3966, 35.8085, 44.4764



72.1302, 73.6870, 83.6969



33.8907, 33.9557, 46.3634



15.5280, 15.7761, 18.0589



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.



37.3966, 35.8085, 44.4764



65.3565, 61.1449, 78.3393



36.4053, 35.4119, 39.2558



8.7824, 8.6197, 10.3526



16.8499, 8.2575, 20.1674



0.5474, 0.2667, 0.7255

Inverse Universe

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



37.3966, 35.8085, 44.4764



65.3565, 61.1449, 78.3393



36.4651, 41.3034, 43.9165



8.7824, 8.6197, 10.3526



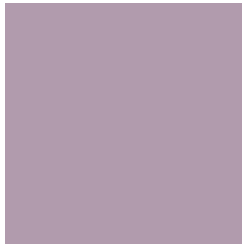
16.8499, 8.2575, 20.1674



0.5474, 0.2667, 0.7255

Previews

White Background



This preview shows how the XYZ color 37.3956, 35.8069, 44.4756 looks on a white background.

Color Contrast Check

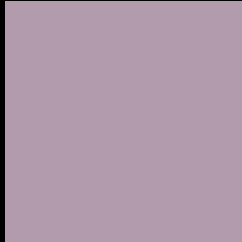
Large Text (above 18pt) WCAG AA × Fail

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 37.3956, 35.8069, 44.4756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

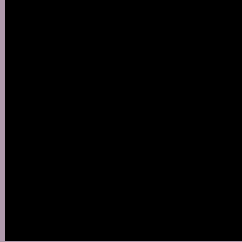
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3956, 35.8069, 44.4756

Background



This preview shows how black text looks on a background with the XYZ color 37.3956, 35.8069, 44.4756.



This preview shows how white text looks on a background with the XYZ color 37.3956, 35.8069,

44.4756.

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

37.3956, 35.8069, 44.4756

Protanopia

34.9045, 35.7498, 46.1350

Deuteranopia

36.6131, 35.9017, 44.5352



Tritanopia

36.8608, 35.8342, 42.0197

Trichromacy



Original Color

37.3956, 35.8069, 44.4756

Protanomaly

35.6906, 35.6559, 45.5586

Deuteranomaly

36.8869, 35.7927, 44.4997

Tritanomaly

37.0487, 35.9093, 43.0087

Monochromacy



Original Color

37.3956, 35.8069, 44.4756

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.0821, 36.7148, 41.7441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3956, 35.8069, 44.4756 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(177, 155, 173)` looks like.

```
.text, #text, p{  
    color:rgb(177, 155, 173)  
}
```

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(177, 155, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 155, 173) }
```

Border

The CSS property to change the border of an element to XYZ 37.3956, 35.8069, 44.4756 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(177, 155, 173) }
```


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

```
.border{ border-color:rgb(177, 155, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 155, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 155, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 155, 173);  
box-shadow:4px 4px 4px 4px rgb(177, 155,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3956, 35.8069, 44.4756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 155, 173) }
```

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

```
.background{ background-color: rgb(177,  
155, 173) }
```

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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