

Converting Colors

XYZ(36.6327, 36.3251, 42.6872)

Have a look what the booklet for
XYZ(36.6327, 36.3251, 42.6872)
contains.

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Color

**XYZ(36.6219, 36.2025,
42.5937)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9EA9
RGB	173, 158, 169
RGB Percent	68%, 62%, 66%
CMY	0.3216, 0.3804, 0.3373
CMYK	0.00, 0.09, 0.02, 0.32
HSL	316°, 8%, 65%
HSV	316°, 9%, 68%
XYZ	36.6219, 36.2025, 42.5937
YIQ	163.7390, 5.4090, 6.6010

Conversions

Conversions Part 2

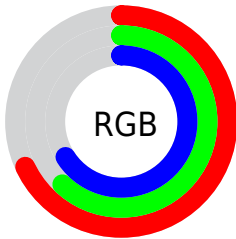
Format	Color
RYB	173, 158, 169
Decimal	11378345
CIELab	66.67, 7.48, -3.73
CIELCh	67, 8.358, 333.501
Yxy	36.2025, 0.3173, 0.3137
Android (android.graphics.Color)	4289568425 (0xFFAD9EA9)
YUV	163.7390, 2.5937, 8.1219
Hunter-Lab	60.1685, 3.3501, 0.1462

Details

The XYZ color **36.6219, 36.2025, 42.5937** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5671, 39.7659, 39.9854**, and the grayscale version is **35.1497, 36.9802, 40.2715**.

A 20% lighter version of the original color is **69.2437, 69.4643, 80.2794**, and **16.3537, 15.8647, 19.0299** is the 20% darker color. If you saturate the color by 10%, you get **33.4510, 30.5412, 39.4373**, and if you desaturate by 10%, it is **40.2256, 42.7039, 45.9707**.

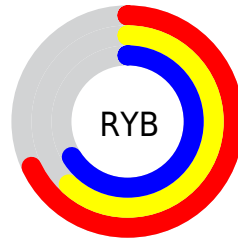
Distribution



Red (68%)

Green (62%)

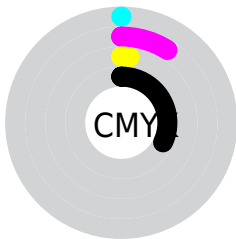
Blue (66%)



Red (68%)

Yellow (62%)

Blue (66%)

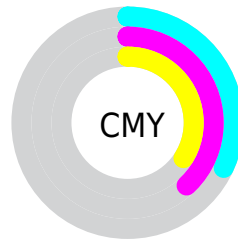


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (32%)



Cyan (32%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6219, 36.2025, 42.5937 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 36.6219, 36.2025, 42.5937 by changing the saturation by 10% instead.

■ 36.6219, 36.2025,
42.5937

■ 36.6219, 36.2025,
42.5937

323.0547,
329.8448, 372.8102

■ 25.0872, 24.5906,
29.2374

■ 69.3085, 69.3445,
80.3771

■ 16.2711, 15.7723,
19.0134

■ 91.1911, 91.6434,
105.6414

■ 9.8083, 9.3632,
11.5030

117.2537,
118.2735, 135.7120

■ 5.3333, 4.9788,
6.2878

147.8618,
149.6191, 171.0076

■ 2.4809, 2.2348,
2.9493

183.3805,
186.0646, 211.9467

■ 0.8856, 0.7389,
1.0688

224.1753,

■ 0.0000, 0.0000,

227.9945, 258.9478

0.0000

270.6116,
275.7931, 312.4294

■ 36.6219, 36.2025,
42.5937

■ 36.6219, 36.2025,
42.5937

■ 33.4510, 30.5412,
39.4373

■ 40.2256, 42.7039,
45.9707

■ 30.6923, 25.6808,
36.4925

■ 44.2755, 50.0732,
49.5722

■ 28.3282, 21.5857,
33.7531

■ 48.7879, 58.3428,
53.4049

■ 26.3388, 18.2160,
31.2118

■ 53.7778, 67.5420,
57.4743

■ 24.7020, 15.5283,
28.8603

■ 59.2592, 77.6989,
61.7860

■ 23.3936, 13.4741,
26.6898

■ 63.0362, 84.4213,
65.6087

■ 22.3863, 11.9990,
24.6902

■ 63.5721, 84.6357,
68.4309

■ 21.6478, 11.0391,
22.8501

■ 64.1244, 84.8566,
71.3390

■ 21.1204, 10.4790,
21.1493

■ 64.6931, 85.0841,
74.3338

Harmonies

Analogous

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



35.7631, 36.2025, 45.4875



36.6219, 36.2025, 42.5937



36.8829, 36.2025, 38.9964

Triad

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



36.6219, 36.2025, 42.5937



34.2617, 36.2025, 32.8947



32.4298, 36.2025, 43.3707

Complementary

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



36.6219, 36.2025, 42.5937



35.5671, 39.7659, 39.9854

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.



32.0490, 36.2025, 39.8433



36.6219, 36.2025, 42.5937



33.0903, 36.2025, 33.9146

Square

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



36.6219, 36.2025, 42.5937



35.5010, 36.2025, 33.5330



32.2878, 36.2025, 36.4049



33.3404, 36.2025, 45.9550

Rectangle

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



36.6219, 36.2025, 42.5937



36.6777, 36.2025, 36.7176



32.2878, 36.2025, 36.4049



32.2366, 36.2025, 42.2485

Sweetspot

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



36.6229, 36.2041, 42.5945



69.1160, 71.1885, 79.6306



34.6714, 35.1540, 44.4939



14.9092, 15.2701, 17.2014



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.



36.6229, 36.2041, 42.5945



64.6850, 63.2173, 75.4073



35.9389, 35.9305, 38.9925



8.2445, 8.1111, 9.5983



15.4926, 7.6596, 15.5053



0.4520, 0.2215, 0.5422

Inverse Universe

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



36.6229, 36.2041, 42.5945



64.6850, 63.2173, 75.4073



36.2538, 40.0406, 43.6015



8.2445, 8.1111, 9.5983



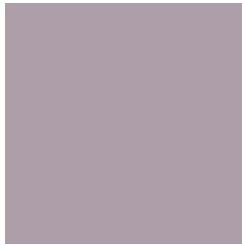
15.4926, 7.6596, 15.5053



0.4520, 0.2215, 0.5422

Previews

White Background



This preview shows how the XYZ color 36.6219, 36.2025, 42.5937 looks on a white background.

Color Contrast Check

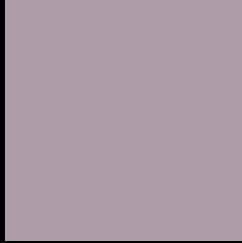
Large Text (above 18pt) WCAG AA × Fail

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 36.6219, 36.2025, 42.5937 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 36.6219, 36.2025, 42.5937

Background



This preview shows how black text looks on a background with the XYZ color 36.6219, 36.2025, 42.5937.



This preview shows how white text looks on a background with the XYZ color 36.6219, 36.2025,

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

36.6219, 36.2025, 42.5937

Protanopia

35.1998, 36.2165, 43.6633

Deuteranopia

36.8976, 36.0925, 42.5579



Tritanopia

36.7161, 36.2402, 43.0901

Trichromacy



Original Color

36.6219, 36.2025, 42.5937

Protanomaly

35.7629, 36.2594, 43.1441

Deuteranomaly

36.6740, 35.9772, 42.5475

Tritanomaly

36.7161, 36.2402, 43.0901

Monochromacy



Original Color

36.6219, 36.2025, 42.5937

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.7396, 36.8093, 41.2976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6219, 36.2025, 42.5937 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(173, 158, 169)` looks like.

```
.text, #text, p{  
    color:rgb(173, 158, 169)  
}
```

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(173, 158, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 158, 169) }
```

Border

The CSS property to change the border of an element to XYZ 36.6219, 36.2025, 42.5937 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(173, 158, 169) }
```


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

```
.border{ border-color:rgb(173, 158, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 158, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 158, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 158, 169);  
box-shadow:4px 4px 4px 4px rgb(173, 158,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6219, 36.2025, 42.5937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 158, 169) }
```

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

```
.background{ background-color: rgb(173,  
158, 169) }
```

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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