

Converting Colors

XYZ(36.7672, 36.0896, 43.7836)

Have a look what the booklet for
XYZ(36.7672, 36.0896, 43.7836)
contains.

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Color

**XYZ(36.6412, 35.9385,
43.5337)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9DAB
RGB	173, 157, 171
RGB Percent	68%, 62%, 67%
CMY	0.3216, 0.3843, 0.3294
CMYK	0.00, 0.09, 0.01, 0.32
HSL	308°, 9%, 65%
HSV	308°, 9%, 68%
XYZ	36.6412, 35.9385, 43.5337
YIQ	163.3800, 5.0420, 7.7460

Conversions

Conversions Part 2

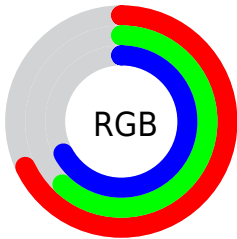
Format	Color
RYB	173, 157, 171
Decimal	11378091
CIELab	66.47, 8.41, -5.14
CIElCh	66, 9.860, 328.551
Yxy	35.9385, 0.3156, 0.3095
Android (android.graphics.Color)	4289568171 (0xFFAD9DAB)
YUV	163.3800, 3.7567, 8.4367
Hunter-Lab	59.9487, 4.1905, -1.0912

Details

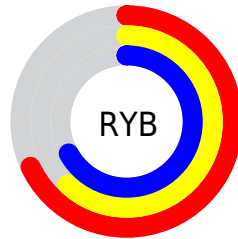
The XYZ color **36.6412, 35.9385, 43.5337** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1076, 39.5593, 38.5881**, and the grayscale version is **34.9744, 36.7958, 40.0706**.

A 20% lighter version of the original color is **69.2659, 69.0719, 81.6330**, and **16.3690, 15.7049, 19.6214** is the 20% darker color. If you saturate the color by 10%, you get **33.7149, 30.4127, 41.5499**, and if you desaturate by 10%, it is **39.9874, 42.2977, 45.6750**.

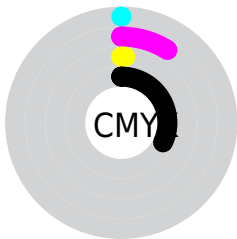
Distribution



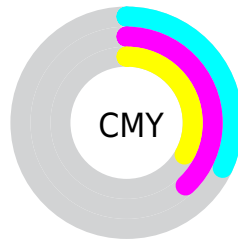
- Red (68%)
- Green (62%)
- Blue (67%)



- Red (68%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (32%)



- Cyan (32%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6412, 35.9385, 43.5337 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 36.6412, 35.9385, 43.5337 by changing the saturation by 10% instead.

■ 36.6412, 35.9385,
43.5337

■ 36.6412, 35.9385,
43.5337

323.1371,
328.6917, 376.7875

■ 25.1022, 24.3867,
29.9696

■ 69.3380, 68.9371,
81.8106

■ 16.2824, 15.6207,
19.5637

■ 91.2266, 91.1528,
107.3605

■ 9.8163, 9.2562,
11.8973

117.2957,
117.6918, 137.7427

■ 5.3387, 4.9086,
6.5521

147.9107,
148.9386, 173.3757

■ 2.4841, 2.1938,
3.1095

183.4370,
185.2776, 214.6782

■ 0.8872, 0.7166,
1.1508

224.2399,

■ 0.0000, 0.0000,

227.0932, 262.0686

0.0000

270.6848,
274.7697, 315.9656

■ 36.6412, 35.9385,
43.5337

■ 36.6412, 35.9385,
43.5337

■ 33.7149, 30.4127,
41.5499

■ 39.9874, 42.2977,
45.6750

■ 31.1881, 25.6809,
39.7154

■ 43.7666, 49.5181,
47.9769

■ 29.0432, 21.7076,
38.0246

■ 47.9955, 57.6323,
50.4455

■ 27.2602, 18.4528,
36.4709

■ 52.6886, 66.6695,
53.0857

■ 25.8172, 15.8726,
35.0469

■ 57.8599, 76.6578,
55.9023

■ 24.6899, 13.9186,
33.7443

■ 61.6431, 83.8640,
58.2732

■ 23.8508, 12.5359,
32.5540

■ 61.8715, 83.9554,
59.4763

■ 23.2677, 11.6599,
31.4652

■ 62.1035, 84.0482,
60.6977

■ 22.8775, 11.1645,
30.4566

■ 62.3389, 84.1424,
61.9376

Harmonies

Analogous

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



35.5351, 35.9385, 46.7259



36.6412, 35.9385, 43.5337



37.0795, 35.9385, 39.3372

Triad

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



36.6412, 35.9385, 43.5337



34.2304, 35.9385, 31.5441



31.7220, 35.9385, 43.1520

Complementary

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



36.6412, 35.9385, 43.5337



35.1076, 39.5593, 38.5881

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.



31.3950, 35.9385, 38.9254



36.6412, 35.9385, 43.5337



32.8179, 35.9385, 32.4070

Square

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



36.6412, 35.9385, 43.5337



35.6631, 35.9385, 32.5889



31.7905, 35.9385, 35.0355



32.6968, 35.9385, 46.4946

Rectangle

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



36.6412, 35.9385, 43.5337



36.9247, 35.9385, 36.5977



31.7905, 35.9385, 35.0355



31.5340, 35.9385, 41.7784

Sweetspot

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



36.6422, 35.9401, 43.5345



69.2447, 71.2400, 80.3085



33.8730, 34.4903, 44.4075



14.9444, 15.2842, 17.3865



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.



36.6422, 35.9401, 43.5345



64.5462, 62.3256, 77.2545



35.9145, 35.6490, 39.7024



8.2933, 8.1306, 9.8555



16.8011, 8.1830, 22.3957



0.4792, 0.2324, 0.6852

Inverse Universe

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



36.6422, 35.9401, 43.5345



64.5462, 62.3256, 77.2545



35.8121, 39.8411, 42.2983



8.2933, 8.1306, 9.8555



16.8011, 8.1830, 22.3957



0.4792, 0.2324, 0.6852

Previews

White Background



This preview shows how the XYZ color 36.6412, 35.9385, 43.5337 looks on a white background.

Color Contrast Check

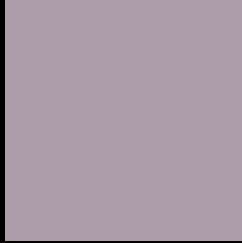
Large Text (above 18pt) WCAG AA × Fail

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 36.6412, 35.9385, 43.5337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

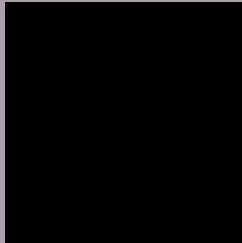
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6412, 35.9385, 43.5337

Background



This preview shows how black text looks on a background with the XYZ color 36.6412, 35.9385, 43.5337.



This preview shows how white text looks on a background with the XYZ color 36.6412, 35.9385,

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

36.6412, 35.9385, 43.5337

Protanopia

34.9856, 36.0839, 44.6561

Deuteranopia

36.6412, 35.9385, 43.5337



Tritanopia

36.5463, 35.9005, 43.0335

Trichromacy



Original Color

36.6412, 35.9385, 43.5337

Protanomaly

35.5342, 36.1195, 44.1286

Deuteranomaly

36.6412, 35.9385, 43.5337

Tritanomaly

36.5463, 35.9005, 43.0335

Monochromacy



Original Color

36.6412, 35.9385, 43.5337

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.5642, 36.4584, 41.2391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6412, 35.9385, 43.5337 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, 157, 171)` looks like.

```
.text, #text, p{  
    color:rgb(173, 157, 171)  
}
```

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, 157, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 157, 171) }
```

Border

The CSS property to change the border of an element to XYZ 36.6412, 35.9385, 43.5337 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, 157, 171) }
```


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

```
.border{ border-color:rgb(173, 157, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 157, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 157, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 157, 171);  
box-shadow:4px 4px 4px 4px rgb(173, 157,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6412, 35.9385, 43.5337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 157, 171) }
```

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

```
.background{ background-color: rgb(173,  
157, 171) }
```

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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