

Converting Colors

XYZ(36.1400, 37.2250, 44.5903)

Have a look what the booklet for
XYZ(36.1400, 37.2250, 44.5903)
contains.

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Color

**XYZ(36.1571, 37.2108,
44.8119)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A3AD
RGB	165, 163, 173
RGB Percent	65%, 64%, 68%
CMY	0.3529, 0.3608, 0.3216
CMYK	0.05, 0.06, 0.00, 0.32
HSL	252°, 6%, 66%
HSV	252°, 6%, 68%
XYZ	36.1571, 37.2108, 44.8119
YIQ	164.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

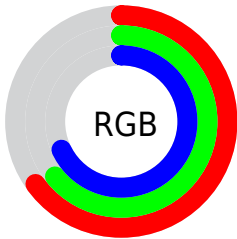
Format	Color
RYB	165, 163, 173
Decimal	10855341
CIELab	67.43, 2.66, -4.91
CIELCh	67, 5.586, 298.389
Yxy	37.2108, 0.3059, 0.3149
Android (android.graphics.Color)	4289045421 (0xFFA5A3AD)
YUV	164.7380, 4.0732, 0.2298
Hunter-Lab	61.0007, -0.9483, -0.8548

Details

The XYZ color **36.1571, 37.2108, 44.8119** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.3503, 41.1903, 40.5813**, and the grayscale version is **35.6214, 37.4765, 40.8119**.

A 20% lighter version of the original color is **68.5902, 70.9599, 83.4803**, and **15.9457, 16.2601, 20.3872** is the 20% darker color. If you saturate the color by 10%, you get **30.5682, 30.0782, 43.7303**, and if you desaturate by 10%, it is **42.4801, 45.3477, 46.0498**.

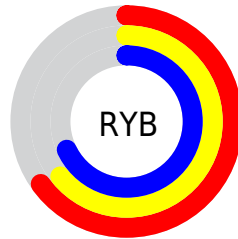
Distribution



Red (65%)

Green (64%)

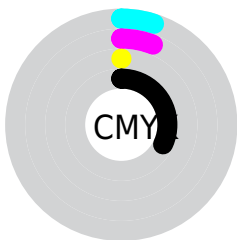
Blue (68%)



Red (65%)

Yellow (64%)

Blue (68%)

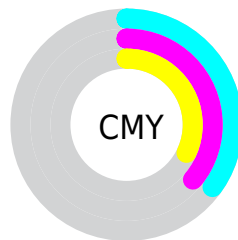


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (36%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1571, 37.2108, 44.8119 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 36.1571, 37.2108, 44.8119 by changing the saturation by 10% instead.

■ 36.1571, 37.2108,
44.8119

■ 36.1571, 37.2108,
44.8119

321.0660,
334.2223, 382.1491

■ 24.7262, 25.3707,
30.9674

■ 68.5968, 70.8969,
83.7535

■ 16.0008, 16.3535,
20.3158

■ 90.3363, 93.5117,
109.6878

■ 9.6156, 9.7746,
12.4384

116.2427,
120.4869, 140.4890

■ 5.2051, 5.2498,
6.9169

146.6814,
152.2068, 176.5758

■ 2.4041, 2.3946,
3.3325

182.0177,
189.0560, 218.3666

■ 0.8472, 0.8231,
1.2668

222.6170,

■ 0.0000, 0.0000,

231.4186, 266.2801

0.0344

268.8446,
279.6793, 320.7348

■ 0.0000, 0.0000,
0.0000

■ 36.1571, 37.2108,
44.8119

■ 36.1571, 37.2108,
44.8119

■ 30.5682, 30.0782,
43.7303

■ 42.4801, 45.3477,
46.0498

■ 25.6833, 23.9061,
42.7964

■ 49.5593, 54.5209,
47.4473

■ 21.4749, 18.6546,
42.0046

■ 57.4199, 64.7670,
49.0107

■ 17.9127, 14.2790,
41.3478

■ 66.0852, 76.1193,
50.7452

■ 14.9638, 10.7310,
40.8184

■ 75.5772, 88.6096,
52.6558

■ 12.5923, 7.9574,
40.4080

■ 82.0350, 94.5043,
53.4532

■ 10.7585, 5.8988,
40.1073

■ 84.5429, 95.7972,
53.5706

■ 9.4174, 4.4870,
39.9055

■ 8.5136, 3.6352,
39.7887

Harmonies

Analogous

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



35.3214, 37.2108, 45.4197



36.1571, 37.2108, 44.8119



36.7899, 37.2108, 43.0408

Triad

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



36.1571, 37.2108, 44.8119



36.2386, 37.2108, 36.6282



33.7458, 37.2108, 40.3837

Complementary

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



36.1571, 37.2108, 44.8119



38.3503, 41.1903, 40.5813

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.



33.9827, 37.2108, 38.0923



36.1571, 37.2108, 44.8119



35.4141, 37.2108, 35.9791

Square

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



36.1571, 37.2108, 44.8119



36.8375, 37.2108, 38.3134



34.5900, 37.2108, 36.5043



33.9376, 37.2108, 42.8019

Rectangle

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



36.1571, 37.2108, 44.8119



37.0067, 37.2108, 41.4736



34.5900, 37.2108, 36.5043



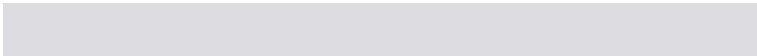
33.7779, 37.2108, 39.5737

Sweetspot

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



36.1582, 37.2124, 44.8127



68.8396, 71.8859, 81.0529



37.2427, 39.9935, 45.2924



14.9878, 15.6577, 17.6200



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.



36.1582, 37.2124, 44.8127



63.3366, 64.8255, 79.9801



37.1828, 37.7406, 44.8607



7.9657, 8.1420, 10.1044



6.0787, 2.4936, 29.2054



0.2116, 0.0913, 0.8145

Inverse Universe

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



37.6827, 38.0205, 43.8823



66.6755, 66.5956, 77.9290



37.3164, 40.6574, 40.5329



8.4061, 8.3755, 9.8334



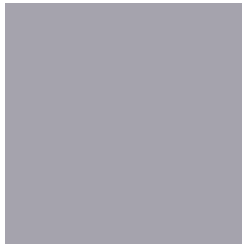
16.0741, 7.8922, 18.5676



0.4644, 0.2264, 0.6072

Previews

White Background



This preview shows how the XYZ color 36.1571, 37.2108, 44.8119 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 36.1571, 37.2108, 44.8119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

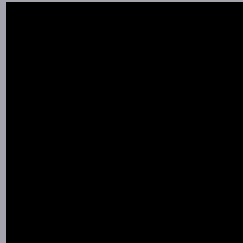
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1571, 37.2108, 44.8119

Background



This preview shows how black text looks on a background with the XYZ color 36.1571, 37.2108, 44.8119.



This preview shows how white text looks on a background with the XYZ color 36.1571, 37.2108,

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

36.1571, 37.2108, 44.8119

Protanopia

35.9499, 37.1040, 44.8022

Deuteranopia

37.9426, 37.0824, 45.2022



Tritanopia

36.3521, 37.2889, 45.8389

Trichromacy



Original Color

36.1571, 37.2108, 44.8119

Protanomaly

35.9499, 37.1040, 44.8022

Deuteranomaly

37.2240, 36.9683, 45.2181

Tritanomaly

36.2542, 37.2497, 45.3235

Monochromacy



Original Color

36.1571, 37.2108, 44.8119

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8604, 37.3774, 42.3703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1571, 37.2108, 44.8119 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(165, 163, 173)` looks like.

```
.text, #text, p{  
    color:rgb(165, 163, 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(165, 163, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 163, 173) }
```

Border

The CSS property to change the border of an element to XYZ 36.1571, 37.2108, 44.8119 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(165, 163, 173) }
```


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

```
.border{ border-color:rgb(165, 163, 173) }
```

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

Here you see how a box with a 4 pixel rgb(165, 163, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 163, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 163, 173);  
box-shadow:4px 4px 4px 4px rgb(165, 163,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1571, 37.2108, 44.8119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 163, 173) }
```

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

```
.background{ background-color: rgb(165,  
163, 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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