

Converting Colors

XYZ(36.0339, 36.8557, 44.9812)

Have a look what the booklet for
XYZ(36.0339, 36.8557, 44.9812)
contains.

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Color

**XYZ(35.9802, 36.8571,
44.7529)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A2AD
RGB	165, 162, 173
RGB Percent	65%, 64%, 68%
CMY	0.3529, 0.3647, 0.3216
CMYK	0.05, 0.06, 0.00, 0.32
HSL	256°, 6%, 66%
HSV	256°, 6%, 68%
XYZ	35.9802, 36.8571, 44.7529
YIQ	164.1510, -1.7430, 4.0570

Conversions

Conversions Part 2

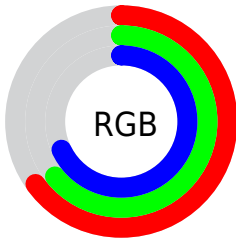
Format	Color
R _Y B	165, 162, 173
Decimal	10855085
CIE Lab	67.17, 3.21, -5.31
CIE LCh	67, 6.200, 301.150
Yxy	36.8571, 0.3060, 0.3134
Android (android.graphics.Color)	4289045165 (0xFFA5A2AD)
YUV	164.1510, 4.3626, 0.7446
Hunter-Lab	60.7100, -0.4534, -1.2091

Details

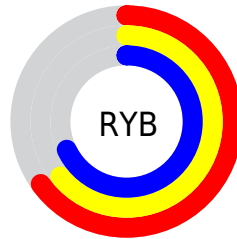
The XYZ color **35.9802, 36.8571, 44.7529** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.0440, 41.0428, 40.1011**, and the grayscale version is **35.3398, 37.1802, 40.4893**.

A 20% lighter version of the original color is **68.3316, 70.4428, 83.3941**, and **15.8372, 16.0430, 20.3511** is the 20% darker color. If you saturate the color by 10%, you get **30.6502, 29.8932, 43.6902**, and if you desaturate by 10%, it is **41.9892, 44.7954, 45.9690**.

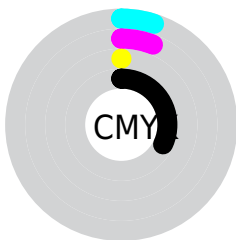
Distribution



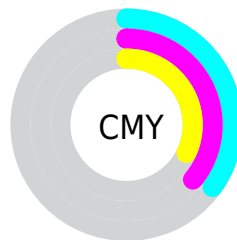
- Red (65%)
- Green (64%)
- Blue (68%)



- 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 35.9802, 36.8571, 44.7529 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 35.9802, 36.8571, 44.7529 by changing the saturation by 10% instead.

■ 35.9802, 36.8571,
44.7529

■ 35.9802, 36.8571,
44.7529

320.3067,
332.6914, 381.9028

■ 24.5889, 25.0969,
30.9213

■ 68.3256, 70.3529,
83.6640

■ 15.8982, 16.1492,
20.2810

■ 90.0104, 92.8574,
109.5806

■ 9.5425, 9.6298,
12.4133

115.8571,
119.7119, 140.3626

■ 5.1566, 5.1542,
6.8999

146.2311,
151.3011, 176.4286

■ 2.3752, 2.3380,
3.3221

181.4977,
188.0092, 218.1970

■ 0.8327, 0.7937,
1.2613

222.0223,

■ 0.0000, 0.0000,

230.2208, 266.0865

0.0298

268.1702,
278.3200, 320.5156

■ 0.0000, 0.0000,
0.0000

■ 35.9802, 36.8571,
44.7529

■ 35.9802, 36.8571,
44.7529

■ 30.6502, 29.8932,
43.6902

■ 41.9892, 44.7954,
45.9690

■ 25.9715, 23.8613,
42.7725

■ 48.6972, 53.7392,
47.3418

■ 21.9194, 18.7225,
41.9942

■ 56.1272, 63.7240,
48.8774

■ 18.4660, 14.4334,
41.3484

■ 64.3003, 74.7820,
50.5811

■ 15.5817, 10.9472,
40.8275

■ 73.2365, 86.9441,
52.4576

■ 13.2336, 8.2122,
40.4233

■ 79.4111, 93.1516,
53.3303

■ 11.3858, 6.1704,
40.1266

■ 83.8450, 95.4374,
53.5378

■ 9.9970, 4.7551,
39.9266

■ 84.5429, 95.7972,
53.5705

■ 9.0142, 3.8772,
39.8090

Harmonies

Analogous

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



35.0681, 36.8571, 45.5637



35.9802, 36.8571, 44.7529



36.6478, 36.8571, 42.6956

Triad

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



35.9802, 36.8571, 44.7529



35.9159, 36.8571, 35.7422



33.2456, 36.8571, 40.2357

Complementary

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



35.9802, 36.8571, 44.7529



38.0440, 41.0428, 40.1011

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.



33.4636, 36.8571, 37.6714



35.9802, 36.8571, 44.7529



34.9951, 36.8571, 35.1485

Square

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



35.9802, 36.8571, 44.7529



36.6102, 36.8571, 37.4982



34.0998, 36.8571, 35.8390



33.4990, 36.8571, 42.8844

Rectangle

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



35.9802, 36.8571, 44.7529



36.8584, 36.8571, 40.9373



34.0998, 36.8571, 35.8390



33.2661, 36.8571, 39.3356

Sweetspot

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



35.9813, 36.8587, 44.7537



68.9390, 71.9372, 81.0576



36.8316, 39.4741, 45.2137



15.0082, 15.6682, 17.6209



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.



35.9813, 36.8587, 44.7537



62.6500, 63.6615, 79.7917



37.1357, 37.4538, 44.8077



7.7762, 7.8589, 10.0598



6.4561, 2.6881, 29.2231



0.2325, 0.1020, 0.8154

Inverse Universe

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



37.4109, 37.6288, 43.3233



65.8969, 65.4111, 76.5206



36.8934, 40.4496, 40.0473



8.2425, 8.1103, 9.5878



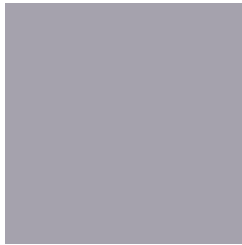
15.4448, 7.6405, 15.2537



0.4510, 0.2211, 0.5368

Previews

White Background



This preview shows how the XYZ color 35.9802, 36.8571, 44.7529 looks on a white background.

Color Contrast Check

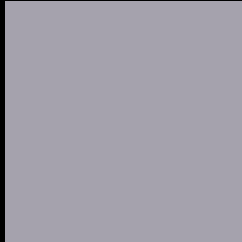
Large Text (above 18pt) WCAG AA × Fail

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 35.9802, 36.8571, 44.7529 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 35.9802, 36.8571, 44.7529

Background



This preview shows how black text looks on a background with the XYZ color 35.9802, 36.8571, 44.7529.

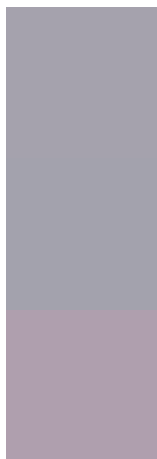


This preview shows how white text looks on a background with the XYZ color 35.9802, 36.8571,

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

35.9802, 36.8571, 44.7529

Protanopia

35.5674, 36.6443, 44.7336

Deuteranopia

37.7173, 36.9662, 45.1917



Tritanopia

36.1752, 36.9351, 45.7800

Trichromacy



Original Color

35.9802, 36.8571, 44.7529

Protanomaly

35.7730, 36.7503, 44.7432

Deuteranomaly

37.0054, 36.8555, 45.2078

Tritanomaly

36.0774, 36.8960, 45.2646

Monochromacy



Original Color

35.9802, 36.8571, 44.7529

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.3821, 36.8769, 41.8123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9802, 36.8571, 44.7529 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, 162, 173)` looks like.

```
.text, #text, p{  
    color:rgb(165, 162, 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, 162, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 162, 173) }
```

Border

The CSS property to change the border of an element to XYZ 35.9802, 36.8571, 44.7529 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, 162, 173) }
```


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

```
.border{ border-color:rgb(165, 162, 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, 162, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 162, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 162, 173);  
box-shadow:4px 4px 4px 4px rgb(165, 162,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9802, 36.8571, 44.7529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 162, 173) }
```

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

```
.background{ background-color: rgb(165,  
162, 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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