

Converting Colors

XYZ(35.4070, 36.7291, 43.7816)

Have a look what the booklet for
XYZ(35.4070, 36.7291, 43.7816)
contains.

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Color

**XYZ(35.5521, 36.9212,
43.7808)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A3AB
RGB	163, 163, 171
RGB Percent	64%, 64%, 67%
CMY	0.3608, 0.3608, 0.3294
CMYK	0.05, 0.05, 0.00, 0.33
HSL	240°, 5%, 65%
HSV	240°, 5%, 67%
XYZ	35.5521, 36.9212, 43.7808
YIQ	163.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

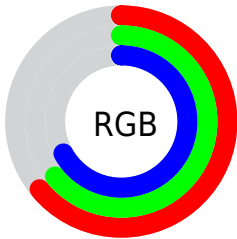
Format	Color
RYB	163, 163, 171
Decimal	10724267
CIELab	67.22, 1.56, -4.14
CIElCh	67, 4.422, 290.644
Yxy	36.9212, 0.3058, 0.3176
Android (android.graphics.Color)	4288914347 (0xFFA3A3AB)
YUV	163.9120, 3.4944, -0.7998
Hunter-Lab	60.7628, -1.8952, -0.1856

Details

The XYZ color **35.5521, 36.9212, 43.7808** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.9683, 40.4276, 40.4530**, and the grayscale version is **35.2304, 37.0651, 40.3639**.

A 20% lighter version of the original color is **67.7123, 70.5392, 81.9981**, and **15.5698, 16.0803, 19.7360** is the 20% darker color. If you saturate the color by 10%, you get **29.4523, 29.5724, 42.6844**, and if you desaturate by 10%, it is **42.5377, 45.3377, 45.0377**.

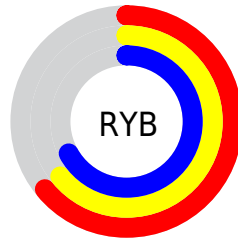
Distribution



Red (64%)

Green (64%)

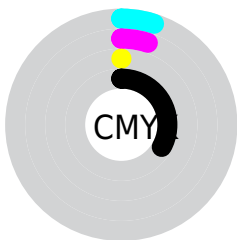
Blue (67%)



Red (64%)

Yellow (64%)

Blue (67%)

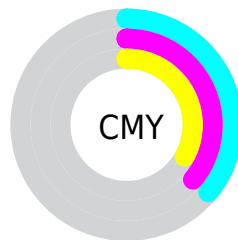


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (36%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5521, 36.9212, 43.7808 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 35.5521, 36.9212, 43.7808 by changing the saturation by 10% instead.

■ 35.5521, 36.9212,
43.7808

■ 35.5521, 36.9212,
43.7808

318.4641,
332.9692, 377.8282

■ 24.2570, 25.1465,
30.1623

■ 67.6686, 70.4516,
82.1868

■ 15.6501, 16.1862,
19.7087

■ 89.2207, 92.9760,
107.8113

■ 9.3662, 9.6560,
12.0015

114.9224,
119.8525, 138.2749

■ 5.0398, 5.1715,
6.6222

145.1392,
151.4654, 173.9961

■ 2.3056, 2.3482,
3.1521

180.2365,
188.1991, 215.3935

■ 0.7975, 0.7991,
1.1728

220.5794,

■ 0.0000, 0.0000,

230.4381, 262.8857

0.0000

266.5335,
278.5667, 316.8910

■ 35.5521, 36.9212,
43.7808

■ 35.5521, 36.9212,
43.7808

■ 29.4523, 29.5724,
42.6844

■ 42.5377, 45.3377,
45.0377

■ 24.2000, 23.2441,
41.7397

■ 50.4392, 54.8573,
46.4587

■ 19.7585, 17.8928,
40.9409

■ 59.2892, 65.5194,
48.0503

■ 16.0876, 13.4697,
40.2807

■ 69.1175, 77.3602,
49.8178

■ 13.1434, 9.9220,
39.7511

■ 79.9531, 90.4142,
51.7664

■ 10.8777, 7.1917,
39.3435

■ 84.3508, 95.7203,
52.5588

■ 9.2363, 5.2136,
39.0482

■ 8.1570, 3.9127,
38.8540

■ 7.5641, 3.1979,
38.7472

Harmonies

Analogous

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



34.8819, 36.9212, 43.9814



35.5521, 36.9212, 43.7808



36.1057, 36.9212, 42.6045

Triad

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



35.5521, 36.9212, 43.7808



35.9220, 36.9212, 37.3946



33.8273, 36.9212, 39.5996

Complementary

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



35.5521, 36.9212, 43.7808



37.9683, 40.4276, 40.4530

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.



34.0984, 36.9212, 37.8894



35.5521, 36.9212, 43.7808



35.3039, 36.9212, 36.6435

Square

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



35.5521, 36.9212, 43.7808



36.3212, 36.9212, 38.9045



34.6369, 36.9212, 36.8217



33.8918, 36.9212, 41.5258

Rectangle

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



35.5521, 36.9212, 43.7808



36.3314, 36.9212, 41.4456



34.6369, 36.9212, 36.8217



33.8821, 36.9212, 38.9814

Sweetspot

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



35.5532, 36.9228, 43.7816



68.0653, 71.4177, 79.1995



37.0057, 39.8481, 44.2031



15.1941, 15.9449, 17.6645



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.



35.5532, 36.9228, 43.7816



62.0177, 64.1315, 78.1118



36.3566, 37.3362, 43.8191



7.9851, 8.2468, 10.1236



5.5420, 2.2178, 29.1805



0.1542, 0.0618, 0.8118

Inverse Universe

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



36.5034, 37.4973, 39.9660



64.2180, 65.4618, 69.2768



37.1388, 40.0008, 40.4143



8.2891, 8.4306, 8.9031



12.6610, 6.5269, 0.5941



0.3523, 0.1816, 0.0167

Previews

White Background



This preview shows how the XYZ color 35.5521, 36.9212, 43.7808 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 35.5521, 36.9212, 43.7808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

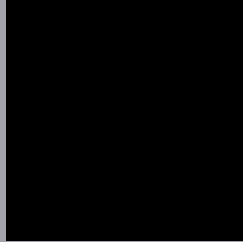
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5521, 36.9212, 43.7808

Background



This preview shows how black text looks on a background with the XYZ color 35.5521, 36.9212, 43.7808.

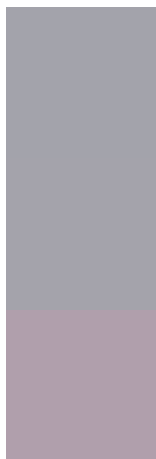


This preview shows how white text looks on a background with the XYZ color 35.5521, 36.9212,

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

35.5521, 36.9212, 43.7808

Protanopia

35.7577, 37.0272, 43.7904

Deuteranopia

37.7490, 37.0049, 44.1828



Tritanopia

35.9680, 36.8283, 45.7703

Trichromacy



Original Color

35.5521, 36.9212, 43.7808

Protanomaly

35.7577, 37.0272, 43.7904

Deuteranomaly

36.8118, 36.7781, 44.1884

Tritanomaly

35.8702, 36.7892, 45.2549

Monochromacy



Original Color

35.5521, 36.9212, 43.7808

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.5604, 37.2335, 41.8718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5521, 36.9212, 43.7808 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(163, 163, 171)` looks like.

```
.text, #text, p{  
    color:rgb(163, 163, 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(163, 163, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 163, 171) }
```

Border

The CSS property to change the border of an element to XYZ 35.5521, 36.9212, 43.7808 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(163, 163, 171) }
```


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

```
.border{ border-color:rgb(163, 163, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 163, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 163, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 163, 171);  
box-shadow:4px 4px 4px 4px rgb(163, 163,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5521, 36.9212, 43.7808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 163, 171) }
```

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

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