

Converting Colors

XYZ(37.1719, 39.8124, 43.3866)

Have a look what the booklet for
XYZ(37.1719, 39.8124, 43.3866)
contains.

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Color

**XYZ(37.2414, 39.9897,
43.2921)**

Conversions

Conversions Part 1

Format	Color
Hex	A5ABA9
RGB	165, 171, 169
RGB Percent	65%, 67%, 66%
CMY	0.3529, 0.3294, 0.3372
CMYK	0.04, 0.00, 0.01, 0.33
HSL	160°, 3%, 66%
HSV	160°, 4%, 67%
XYZ	37.2414, 39.9897, 43.2921
YIQ	168.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

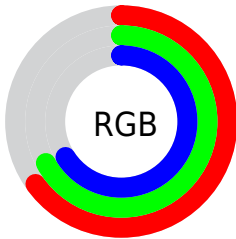
Format	Color
RYB	165, 169, 171
Decimal	10857385
CIELab	69.46, -2.50, 0.28
CIELCh	69, 2.513, 173.546
Yxy	39.9897, 0.3090, 0.3318
Android (android.graphics.Color)	4289047465 (0xFFA5ABA9)
YUV	168.9780, 0.0108, -3.4887
Hunter-Lab	63.2374, -5.5443, 3.6765

Details

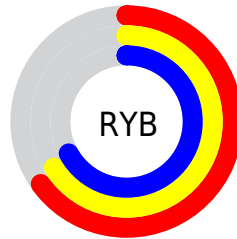
The XYZ color **37.2414, 39.9897, 43.2921** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2262, 38.3593, 42.0032**, and the grayscale version is **37.7031, 39.6666, 43.1969**.

A 20% lighter version of the original color is **70.1661, 74.9902, 81.2974**, and **16.6178, 17.9887, 19.4259** is the 20% darker color. If you saturate the color by 10%, you get **33.3959, 38.0689, 40.3775**, and if you desaturate by 10%, it is **41.5881, 42.1684, 46.3538**.

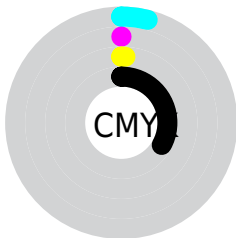
Distribution



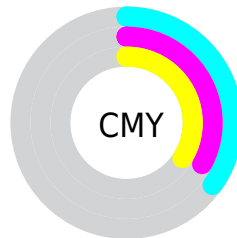
- Red (65%)
- Green (67%)
- Blue (66%)



- Red (65%)
- Yellow (66%)
- Blue (67%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (33%)



- Cyan (35%)
- Magenta (33%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2414, 39.9897, 43.2921 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 37.2414, 39.9897, 43.2921 by changing the saturation by 10% instead.

■ 37.2414, 39.9897,
43.2921

■ 37.2414, 39.9897,
43.2921

325.6919,
346.0802, 375.7681

■ 25.5690, 27.5305,
29.7813

■ 70.2553, 75.1478,
81.4425

■ 16.6325, 17.9721,
19.4220

■ 92.3275, 98.6156,
106.9192

■ 10.0665, 10.9299,
11.7957

118.5971,
126.5216, 137.2216

■ 5.5057, 6.0197,
6.4839

149.4293,
159.2503, 172.7683

■ 2.5847, 2.8571,
3.0680

185.1895,
197.1862, 213.9777

■ 0.9381, 1.0576,
1.1294

226.2431,

■ 0.0000, 0.0000,

240.7135, 261.2685

0.0000

272.9555,
290.2167, 315.0591

■ 37.2414, 39.9897,
43.2921

■ 37.2414, 39.9897,
43.2921

■ 33.3959, 38.0689,
40.3775

■ 41.5881, 42.1684,
46.3538

■ 30.0293, 36.3912,
37.6049

■ 46.4507, 44.6092,
49.5624

■ 27.1223, 34.9479,
34.9728

■ 51.8474, 47.3225,
52.9210

■ 24.6532, 33.7277,
32.4786

■ 57.7943, 50.3167,
56.4319

■ 22.5986, 32.7186,
30.1194

■ 64.3072, 53.5998,
60.0971

■ 20.9324, 31.9072,
27.8924

■ 66.6109, 54.7102,
63.6946

■ 19.6258, 31.2787,
25.7945

■ 67.3046, 54.9877,
67.3475

■ 18.6457, 30.8161,
23.8226

■ 68.0235, 55.2753,
71.1336

■ 17.9525, 30.4989,
21.9728

■ 68.7681, 55.5731,
75.0543

Harmonies

Analogous

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



37.3869, 39.9897, 42.2319



37.2414, 39.9897, 43.2921



37.3005, 39.9897, 44.4379

Triad

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



37.2414, 39.9897, 43.2921



38.3206, 39.9897, 45.6161



38.4730, 39.9897, 41.7748

Complementary

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



37.2414, 39.9897, 43.2921



37.2262, 38.3593, 42.0032

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.



38.7265, 39.9897, 42.6582



37.2414, 39.9897, 43.2921



38.6380, 39.9897, 44.8789

Square

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



37.2414, 39.9897, 43.2921



37.9217, 39.9897, 45.7930



38.7871, 39.9897, 43.7928



38.0965, 39.9897, 41.3659

Rectangle

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



37.2414, 39.9897, 43.2921



37.4481, 39.9897, 45.0947



38.7871, 39.9897, 43.7928



38.5755, 39.9897, 42.0254

Sweetspot

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



37.2425, 39.9914, 43.2930



68.5510, 72.5474, 78.8734



37.3133, 40.0706, 41.3657



15.2966, 16.1831, 17.5958



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.



37.2425, 39.9914, 43.2930



66.2867, 71.4141, 77.2321



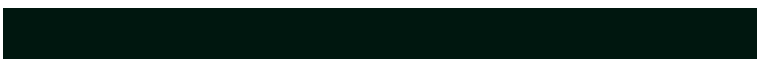
37.2625, 39.7282, 44.2344



8.5453, 9.2381, 9.9800



13.2909, 22.8816, 15.8376



0.3937, 0.6461, 0.5669

Inverse Universe

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



37.2262, 38.3593, 42.0032



66.2530, 68.0369, 74.5633



37.2055, 38.6117, 41.0898



8.5403, 8.7388, 9.5854



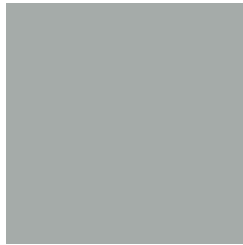
13.2406, 6.7588, 3.6464



0.3942, 0.1983, 0.2374

Previews

White Background



This preview shows how the XYZ color 37.2414, 39.9897, 43.2921 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 37.2414, 39.9897, 43.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

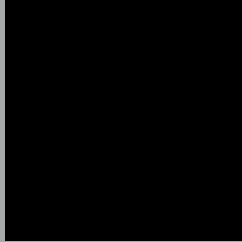
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

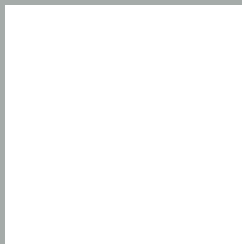
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.2414, 39.9897, 43.2921

Background



This preview shows how black text looks on a background with the XYZ color 37.2414, 39.9897, 43.2921.



This preview shows how white text looks on a background with the XYZ color 37.2414, 39.9897,

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

37.2414, 39.9897, 43.2921

Protanopia

38.4894, 40.0873, 42.7548

Deuteranopia

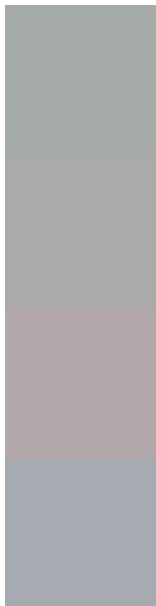
40.5387, 39.7675, 43.5695



Tritanopia

38.5678, 39.9688, 49.9380

Trichromacy



Original Color

37.2414, 39.9897, 43.2921

Protanomaly

38.0202, 40.1227, 42.7864

Deuteranomaly

39.4345, 40.0047, 43.6735

Tritanomaly

38.0364, 40.0308, 47.3169

Monochromacy



Original Color

37.2414, 39.9897, 43.2921

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.6846, 39.9389, 43.2589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2414, 39.9897, 43.2921 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, 171, 169)` looks like.

```
.text, #text, p{  
    color:rgb(165, 171, 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(165, 171, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 171, 169) }
```

Border

The CSS property to change the border of an element to XYZ 37.2414, 39.9897, 43.2921 is called "border". The border property can be set on classes, ids or directly on the HTML element.

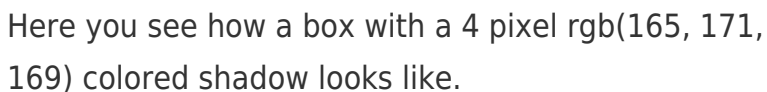
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 171, 169) }
```


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

```
.border{ border-color:rgb(165, 171, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 171, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 171, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 171, 169); box-shadow:4px 4px 4px 4px rgb(165, 171, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2414, 39.9897, 43.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 171, 169) }
```

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

```
.background{ background-color: rgb(165,  
171, 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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