

Converting Colors

XYZ(33.8185, 36.1735, 43.6531)

Have a look what the booklet for
XYZ(33.8185, 36.1735, 43.6531)
contains.

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Color

**XYZ(33.9526, 36.3612,
43.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA4AB
RGB	154, 164, 171
RGB Percent	60%, 64%, 67%
CMY	0.3961, 0.3568, 0.3294
CMYK	0.10, 0.04, 0.00, 0.33
HSL	205°, 9%, 64%
HSV	205°, 10%, 67%
XYZ	33.9526, 36.3612, 43.7570
YIQ	161.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

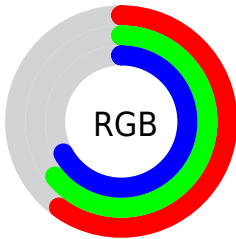
Format	Color
RYB	154, 160, 171
Decimal	10134699
CIELab	66.79, -2.10, -4.84
CIELCh	67, 5.278, 246.509
Yxy	36.3612, 0.2976, 0.3188
Android (android.graphics.Color)	4288324779 (0xFF9AA4AB)
YUV	161.8080, 4.5317, -6.8476
Hunter-Lab	60.3002, -5.0194, -0.8137

Details

The XYZ color **33.9526, 36.3612, 43.7570** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3725, 36.4807, 35.7498**, and the grayscale version is **34.2359, 36.0188, 39.2245**.

A 20% lighter version of the original color is **65.0714, 69.5639, 81.9491**, and **14.7175, 15.8038, 19.7275** is the 20% darker color. If you saturate the color by 10%, you get **29.7022, 32.3524, 43.2078**, and if you desaturate by 10%, it is **38.7385, 40.7516, 44.3528**.

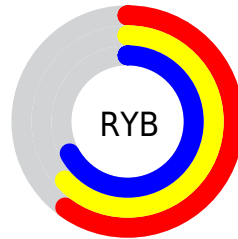
Distribution



Red (60%)

Green (64%)

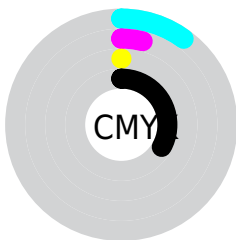
Blue (67%)



Red (60%)

Yellow (63%)

Blue (67%)

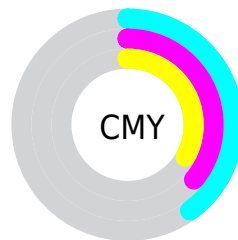


Cyan (10%)

Magenta (4%)

Yellow (0%)

Black (33%)



Cyan (40%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9526, 36.3612, 43.7570 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 33.9526, 36.3612, 43.7570 by changing the saturation by 10% instead.

■ 33.9526, 36.3612,
43.7570

■ 33.9526, 36.3612,
43.7570

311.5103,
330.5365, 377.7280

■ 23.0199, 24.7133,
30.1437

■ 65.2047, 69.5892,
82.1505

■ 14.7290, 15.8636,
19.6947

■ 86.2549, 91.9381,
107.7679

■ 8.7145, 9.4277,
11.9915

111.4082,
118.6227, 138.2237

■ 4.6110, 5.0212,
6.6154

141.0301,
150.0276, 173.9364

■ 2.0533, 2.2597,
3.1480

175.4859,
186.5370, 215.3247

■ 0.6636, 0.7522,
1.1707

215.1410,

■ 0.0000, 0.0000,

228.5353, 262.8070

0.0000

260.3606,
276.4071, 316.8020

■ 33.9526, 36.3612,
43.7570

■ 33.9526, 36.3612,
43.7570

■ 29.7022, 32.3524,
43.2078

■ 38.7385, 40.7516,
44.3528

■ 25.9635, 28.7082,
42.7015

■ 44.0763, 45.5306,
44.9939

■ 22.7156, 25.4172,
42.2374

■ 49.9852, 50.7108,
45.6823

■ 19.9347, 22.4653,
41.8142

■ 56.4830, 56.3029,
46.4192

■ 17.5949, 19.8375,
41.4303

■ 63.5864, 62.3168,
47.2056

■ 15.6676, 17.5172,
41.0840

■ 70.7193, 68.4574,
48.0149

■ 14.1205, 15.4857,
40.7735

■ 72.4546, 71.9280,
48.5934

■ 12.9157, 13.7216,
40.4964

■ 74.2669, 75.5524,
49.1974

■ 11.9721, 12.1811,
40.2488

■ 76.1569, 79.3325,
49.8275

Harmonies

Analogous

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



33.3423, 36.3612, 42.2619



33.9526, 36.3612, 43.7570



34.7344, 36.3612, 44.1168

Triad

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



33.9526, 36.3612, 43.7570



36.1063, 36.3612, 39.0954



33.6559, 36.3612, 36.1652

Complementary

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



33.9526, 36.3612, 43.7570



35.3725, 36.4807, 35.7498

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.



34.3867, 36.3612, 35.3861



33.9526, 36.3612, 43.7570



35.8075, 36.3612, 37.0354

Square

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



33.9526, 36.3612, 43.7570



35.9858, 36.3612, 41.3676



35.1751, 36.3612, 35.6985



33.1729, 36.3612, 37.8663

Rectangle

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



33.9526, 36.3612, 43.7570



35.2492, 36.3612, 43.6526



35.1751, 36.3612, 35.6985



33.8803, 36.3612, 35.7898

Sweetspot

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



33.9537, 36.3627, 43.7578



66.6065, 70.4631, 79.0921



34.3054, 38.5627, 39.2618



14.6992, 15.5725, 17.6188



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.



33.9537, 36.3627, 43.7578



58.9967, 63.4330, 78.1362



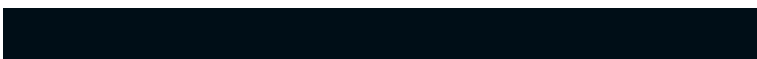
32.5160, 33.4874, 43.2786



7.9557, 8.5108, 10.1761



9.0739, 9.2816, 30.3578



0.3046, 0.3625, 0.8619

Inverse Universe

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



35.0519, 34.4503, 39.9258



61.3888, 59.3361, 69.7742



36.8718, 39.4793, 36.2495



8.1955, 8.0914, 9.3400



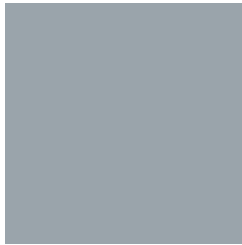
14.4437, 7.2400, 9.9820



0.4281, 0.2119, 0.4163

Previews

White Background



This preview shows how the XYZ color 33.9526, 36.3612, 43.7570 looks on a white background.

Color Contrast Check

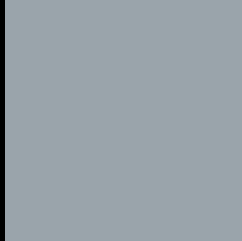
Large Text (above 18pt) WCAG AA × Fail

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 33.9526, 36.3612, 43.7570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

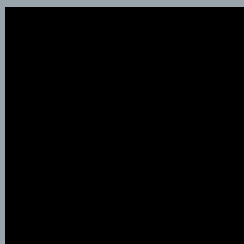
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

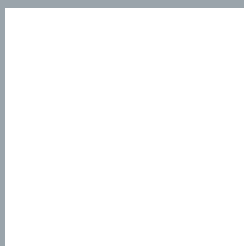
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.9526, 36.3612, 43.7570

Background



This preview shows how black text looks on a background with the XYZ color 33.9526, 36.3612, 43.7570.



This preview shows how white text looks on a background with the XYZ color 33.9526, 36.3612,

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

33.9526, 36.3612, 43.7570

Protanopia

35.0106, 36.1408, 42.6667

Deuteranopia

37.1288, 36.4309, 44.1047



Tritanopia

34.4512, 36.2975, 46.2646

Trichromacy



Original Color

33.9526, 36.3612, 43.7570

Protanomaly

34.6732, 36.2165, 43.1932

Deuteranomaly

35.9535, 36.3357, 44.1483

Tritanomaly

34.2547, 36.2189, 45.2299

Monochromacy



Original Color

33.9526, 36.3612, 43.7570

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.1868, 36.2819, 40.7986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9526, 36.3612, 43.7570 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(154, 164, 171)` looks like.

```
.text, #text, p{  
    color:rgb(154, 164, 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(154, 164, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 164, 171) }
```

Border

The CSS property to change the border of an element to XYZ 33.9526, 36.3612, 43.7570 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(154, 164, 171) }
```


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

```
.border{ border-color:rgb(154, 164, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 164, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 164, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 164, 171);  
box-shadow:4px 4px 4px 4px rgb(154, 164,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9526, 36.3612, 43.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 164, 171) }
```

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

```
.background{ background-color: rgb(154,  
164, 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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