

Converting Colors

XYZ(41.4087, 43.7544, 46.5337)

Have a look what the booklet for
XYZ(41.4087, 43.7544, 46.5337)
contains.

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Color

**XYZ(41.4936, 43.8474,
46.3208)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B1AE
RGB	177, 177, 174
RGB Percent	69%, 69%, 68%
CMY	0.3059, 0.3059, 0.3176
CMYK	0.00, 0.00, 0.02, 0.31
HSL	60°, 2%, 69%
HSV	60°, 2%, 69%
XYZ	41.4936, 43.8474, 46.3208
YIQ	176.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

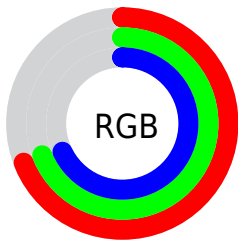
Format	Color
RYB	174, 177, 174
Decimal	11645358
CIELab	72.13, -0.55, 1.52
CIELCh	72, 1.621, 109.982
Yxy	43.8474, 0.3152, 0.3330
Android (android.graphics.Color)	4289835438 (0xFFB1B1AE)
YUV	176.6580, -1.3104, 0.2999
Hunter-Lab	66.2174, -4.0275, 4.8772

Details

The XYZ color **41.4936, 43.8474, 46.3208** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.5290, 42.4462, 47.6541**, and the grayscale version is **41.6180, 43.7853, 47.6822**.

A 20% lighter version of the original color is **76.8860, 81.2586, 85.7609**, and **19.0327, 20.1055, 21.2900** is the 20% darker color. If you saturate the color by 10%, you get **39.8768, 43.2016, 37.8232**, and if you desaturate by 10%, it is **43.3403, 44.5880, 56.0181**.

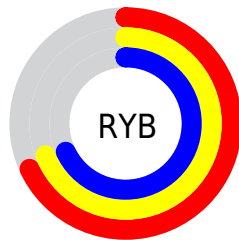
Distribution



Red (69%)

Green (69%)

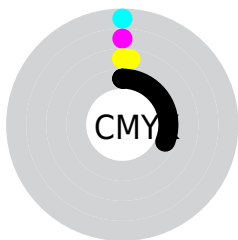
Blue (68%)



Red (68%)

Yellow (69%)

Blue (68%)

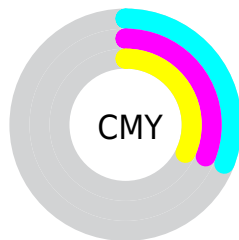


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4936, 43.8474, 46.3208 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 41.4936, 43.8474, 46.3208 by changing the saturation by 10% instead.

■ 41.4936, 43.8474,
46.3208

■ 41.4936, 43.8474,
46.3208

343.4069,
362.0852, 388.4119

■ 28.8943, 30.5506,
32.1486

■ 76.7026, 80.9881,
86.0382

■ 19.1448, 20.2569,
21.2092

100.0431,
105.6007, 112.4205

■ 11.8796, 12.5819,
13.0843

127.6947,
134.7540, 143.7099

■ 6.7333, 7.1413,
7.3552

160.0227,
168.8325, 180.3248

■ 3.3407, 3.5506,
3.6034

197.3926,
208.2204, 222.6840

■ 1.3364, 1.4255,
1.4104

240.1697,

■ 0.2102, 0.2354,

253.3022, 271.2059

0.1498

288.7193,
304.4624, 326.3090

■ 0.0000, 0.0000,
0.0000

■ 41.4936, 43.8474,
46.3208

■ 41.4936, 43.8474,
46.3208

■ 39.8768, 43.2016,
37.8232

■ 43.3403, 44.5880,
56.0181

■ 38.4774, 42.6413,
30.4759

■ 45.4216, 45.4210,
66.9561

■ 37.2872, 42.1648,
24.2304

■ 47.7466, 46.3515,
79.1774

■ 36.2961, 41.7679,
19.0335

■ 50.3229, 47.3825,
92.7220

■ 35.4933, 41.4462,
14.8279

■ 51.9258, 48.0241,
101.1405

■ 34.8668, 41.1951,
11.5505

■ 51.9300, 48.0263,
101.1407

■ 34.4031, 41.0092,
9.1311

■ 51.9342, 48.0284,
101.1409

■ 34.0872, 40.8824,
7.4895

■ 51.9384, 48.0306,
101.1411

■ 33.9010, 40.8074,
6.5305

■ 51.9426, 48.0328,
101.1413

Harmonies

Analogous

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



41.7685, 43.8474, 46.2535



41.4936, 43.8474, 46.3208



41.2684, 43.8474, 46.7666

Triad

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



41.4936, 43.8474, 46.3208



41.3335, 43.8474, 48.9221



42.2032, 43.8474, 48.0087

Complementary

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



41.4936, 43.8474, 46.3208



40.5290, 42.4462, 47.6541

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.



42.0855, 43.8474, 48.7316



41.4936, 43.8474, 46.3208



41.5829, 43.8474, 49.2628

Square

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



41.4936, 43.8474, 46.3208



41.1763, 43.8474, 48.2664



41.8582, 43.8474, 49.1927



42.1790, 43.8474, 47.2222

Rectangle

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



41.4936, 43.8474, 46.3208



41.1764, 43.8474, 47.2212



41.8582, 43.8474, 49.1927



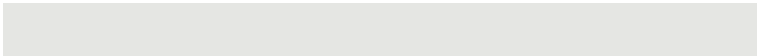
42.1789, 43.8474, 48.2673

Sweetspot

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



41.4948, 43.8493, 46.3218



74.5234, 78.6131, 84.0675



40.9088, 42.6762, 46.1262



16.1542, 17.0382, 18.2385



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.4948, 43.8493, 46.3218



74.2075, 78.4867, 82.4081



41.1554, 43.6743, 46.3059



9.4763, 10.0183, 10.5510



24.4980, 29.5392, 4.4105



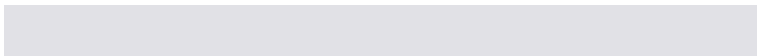
0.7711, 0.9296, 0.1388

Inverse Universe

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



40.5290, 42.4462, 47.6541



72.1385, 75.4808, 85.2624



40.8648, 42.6193, 47.6698



9.2339, 9.6662, 10.8854



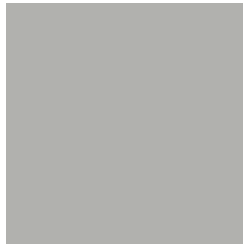
5.7518, 2.3009, 30.2780



0.1812, 0.0725, 0.9527

Previews

White Background



This preview shows how the XYZ color 41.4936, 43.8474, 46.3208 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 41.4936, 43.8474, 46.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

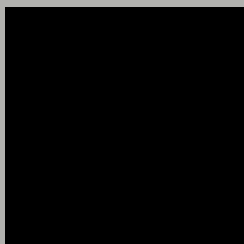
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

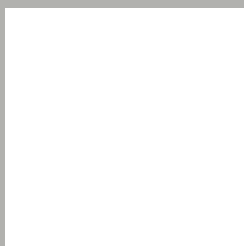
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.4936, 43.8474, 46.3208

Background



This preview shows how black text looks on a background with the XYZ color 41.4936, 43.8474, 46.3208.



This preview shows how white text looks on a background with the XYZ color 41.4936, 43.8474,

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

41.4936, 43.8474, 46.3208

Protanopia

42.1242, 43.8916, 45.7869

Deuteranopia

44.5489, 43.6903, 46.6425



Tritanopia

43.1057, 43.9178, 54.3492

Trichromacy



Original Color

41.4936, 43.8474, 46.3208

Protanomaly

41.8906, 43.7711, 45.7760

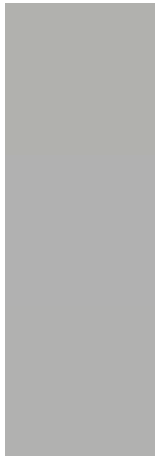
Deuteranomaly

43.4205, 43.6737, 46.6988

Tritanomaly

42.5372, 43.9763, 51.5937

Monochromacy



Original Color

41.4936, 43.8474, 46.3208

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.6901, 43.9260, 47.3556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4936, 43.8474, 46.3208 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(177, 177, 174)` looks like.

```
.text, #text, p{  
    color:rgb(177, 177, 174)  
}
```

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(177, 177, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 177, 174) }
```

Border

The CSS property to change the border of an element to XYZ 41.4936, 43.8474, 46.3208 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(177, 177, 174) }
```


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

```
.border{ border-color:rgb(177, 177, 174) }
```

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

Here you see how a box with a 4 pixel rgb(177, 177, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 177, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 177, 174);  
box-shadow:4px 4px 4px 4px rgb(177, 177,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4936, 43.8474, 46.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 177, 174) }
```

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

```
.background{ background-color: rgb(177,  
177, 174) }
```

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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