

Converting Colors

XYZ(41.9033, 43.8484, 52.2666)

Have a look what the booklet for
XYZ(41.9033, 43.8484, 52.2666)
contains.

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Color

**XYZ(41.9347, 43.9457,
52.1711)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB1B9
RGB	174, 177, 185
RGB Percent	68%, 69%, 73%
CMY	0.3176, 0.3059, 0.2745
CMYK	0.06, 0.04, 0.00, 0.27
HSL	224°, 7%, 70%
HSV	224°, 6%, 73%
XYZ	41.9347, 43.9457, 52.1711
YIQ	177.0150, -4.3560, 1.8520

Conversions

Conversions Part 2

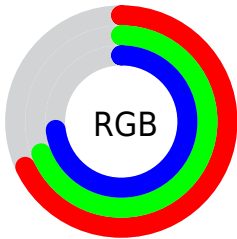
Format	Color
RYB	174, 176, 185
Decimal	11448761
CIELab	72.19, 0.50, -4.45
CIELCh	72, 4.475, 276.439
Yxy	43.9457, 0.3038, 0.3183
Android (android.graphics.Color)	4289638841 (0xFFFAEB1B9)
YUV	177.0150, 3.9366, -2.6442
Hunter-Lab	66.2916, -3.0947, -0.2568

Details

The XYZ color **41.9347, 43.9457, 52.1711** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.3758, 46.8260, 46.7448**, and the grayscale version is **41.7805, 43.9563, 47.8685**.

A 20% lighter version of the original color is **77.3292, 81.2867, 94.8333**, and **19.3985, 20.2188, 24.7100** is the 20% darker color. If you saturate the color by 10%, you get **35.5668, 36.9124, 51.1498**, and if you desaturate by 10%, it is **49.1347, 51.7991, 53.3082**.

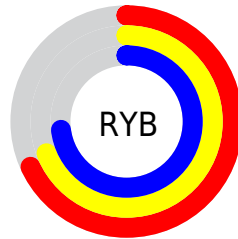
Distribution



Red (68%)

Green (69%)

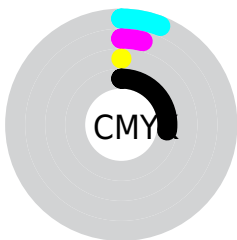
Blue (73%)



Red (68%)

Yellow (69%)

Blue (73%)

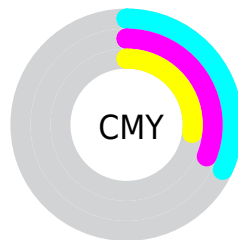


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (27%)



Cyan (32%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9347, 43.9457, 52.1711 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 41.9347, 43.9457, 52.1711 by changing the saturation by 10% instead.

■ 41.9347, 43.9457,
52.1711

■ 41.9347, 43.9457,
52.1711

345.2084,
362.4866, 412.0725

■ 29.2410, 30.6278,
36.7583

■ 77.3666, 81.1360,
94.8127

■ 19.4084, 20.3156,
24.7261

100.8355,
105.7773, 122.8785

■ 12.0715, 12.6247,
15.6559

128.6269,
134.9618, 155.9991

■ 6.8650, 7.1706,
9.1293

161.1061,
169.0739, 194.5930

■ 3.4234, 3.5690,
4.7277

198.6385,
208.4980, 239.0788

■ 1.3814, 1.4355,
2.0324

241.5895,

■ 0.2429, 0.2427,

253.6186, 289.8749

0.5751

290.3243,
304.8200, 347.4000

■ 0.0000, 0.0000,
0.0000

■ 41.9347, 43.9457,
52.1711

■ 41.9347, 43.9457,
52.1711

■ 35.5668, 36.9124,
51.1498

■ 49.1347, 51.7991,
53.3082

■ 29.9966, 30.6668,
50.2379

■ 57.1920, 60.4928,
54.5615

■ 25.1928, 25.1821,
49.4324

■ 66.1354, 70.0531,
55.9355

■ 21.1207, 20.4281,
48.7294

■ 75.9912, 80.5035,
57.4332

■ 17.7426, 16.3725,
48.1247

■ 82.4253, 89.6193,
58.8536

■ 15.0173, 12.9802,
47.6135

■ 85.7571, 96.2828,
59.9642

■ 12.8992, 10.2129,
47.1910

■ 11.3358, 8.0279,
46.8517

■ 10.2626, 6.3745,
46.5891

Harmonies

Analogous

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



41.1822, 43.9457, 51.8270



41.9347, 43.9457, 52.1711



42.6513, 43.9457, 51.3290

Triad

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



41.9347, 43.9457, 52.1711



42.9670, 43.9457, 45.3839



40.4315, 43.9457, 46.1806

Complementary

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



41.9347, 43.9457, 52.1711



44.3758, 46.8260, 46.7448

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.



40.8991, 43.9457, 44.5307



41.9347, 43.9457, 52.1711



42.3615, 43.9457, 44.0807

Square

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



41.9347, 43.9457, 52.1711



43.2520, 43.9457, 47.3772



41.6039, 43.9457, 43.7732



40.3204, 43.9457, 48.3247

Rectangle

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



41.9347, 43.9457, 52.1711



43.0103, 43.9457, 50.2230



41.6039, 43.9457, 43.7732



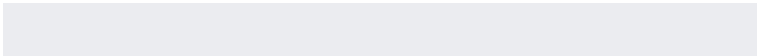
40.5519, 43.9457, 45.5518

Sweetspot

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



41.9360, 43.9476, 52.1721



79.9708, 84.0341, 94.2099



43.2368, 47.0699, 51.0001



17.2693, 18.1479, 20.3143



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



41.9360, 43.9476, 52.1721



73.6969, 77.1613, 93.2140



41.8852, 43.0507, 52.0016



8.9848, 9.4045, 11.4211



6.8069, 4.0735, 31.6806



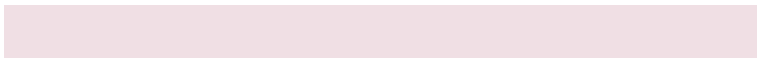
0.2933, 0.2503, 1.1346

Inverse Universe

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



43.0805, 43.7617, 47.7733



76.1343, 76.7797, 83.8431



44.4271, 47.7750, 46.9253



9.2978, 9.3560, 10.2175



14.0495, 7.1936, 2.8815



0.5222, 0.2644, 0.2434

Previews

White Background



This preview shows how the XYZ color 41.9347, 43.9457, 52.1711 looks on a white background.

Color Contrast Check

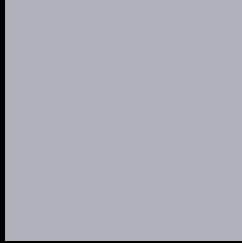
Large Text (above 18pt) WCAG AA × Fail

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 41.9347, 43.9457, 52.1711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

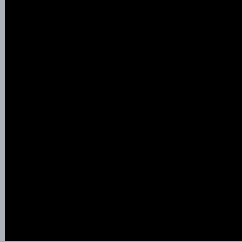
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9347, 43.9457, 52.1711

Background



This preview shows how black text looks on a background with the XYZ color 41.9347, 43.9457, 52.1711.



This preview shows how white text looks on a background with the XYZ color 41.9347, 43.9457,

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

41.9347, 43.9457, 52.1711

Protanopia

42.5372, 43.9763, 51.5937

Deuteranopia

44.8507, 43.9974, 52.5828



Tritanopia

42.4988, 43.8823, 54.9454

Trichromacy



Original Color

41.9347, 43.9457, 52.1711

Protanomaly

42.3085, 43.8585, 51.5830

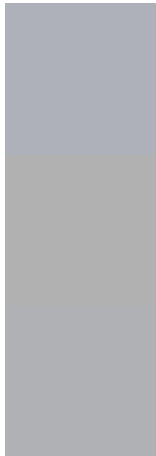
Deuteranomaly

43.7661, 44.0076, 52.6420

Tritanomaly

42.2816, 43.7955, 53.8018

Monochromacy



Original Color

41.9347, 43.9457, 52.1711

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.8649, 43.9697, 49.4605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9347, 43.9457, 52.1711 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(174, 177, 185)` looks like.

```
.text, #text, p{  
    color:rgb(174, 177, 185)  
}
```

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(174, 177, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 177, 185) }
```

Border

The CSS property to change the border of an element to XYZ 41.9347, 43.9457, 52.1711 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(174, 177, 185) }
```


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

```
.border{ border-color:rgb(174, 177, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 177, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 177, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 177, 185);  
box-shadow:4px 4px 4px 4px rgb(174, 177,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9347, 43.9457, 52.1711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 177, 185) }
```

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

```
.background{ background-color: rgb(174,  
177, 185) }
```

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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