

Converting Colors

XYZ(40.8540, 43.2742, 47.7124)

Have a look what the booklet for
XYZ(40.8540, 43.2742, 47.7124)
contains.

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Color

**XYZ(40.9167, 43.2237,
47.7814)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB0B1
RGB	174, 176, 177
RGB Percent	68%, 69%, 69%
CMY	0.3176, 0.3098, 0.3059
CMYK	0.02, 0.01, 0.00, 0.31
HSL	200°, 2%, 69%
HSV	200°, 2%, 69%
XYZ	40.9167, 43.2237, 47.7814
YIQ	175.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

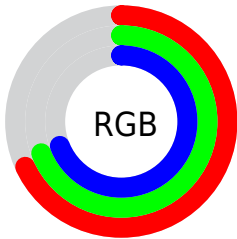
Format	Color
RYB	174, 175, 177
Decimal	11448497
CIELab	71.71, -0.51, -0.77
CIELCh	72, 0.920, 236.305
Yxy	43.2237, 0.3102, 0.3276
Android (android.graphics.Color)	4289638577 (0xFFAEB0B1)
YUV	175.5160, 0.7316, -1.3295
Hunter-Lab	65.7447, -3.9625, 2.9310

Details

The XYZ color **40.9167, 43.2237, 47.7814** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.1014, 43.0624, 46.1906**, and the grayscale version is **41.0130, 43.1488, 46.9891**.

A 20% lighter version of the original color is **75.8777, 80.2544, 88.5823**, and **18.8718, 20.0081, 21.9361** is the 20% darker color. If you saturate the color by 10%, you get **36.1024, 39.0680, 47.2337**, and if you desaturate by 10%, it is **46.3031, 47.7509, 48.3720**.

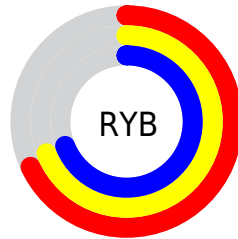
Distribution



Red (68%)

Green (69%)

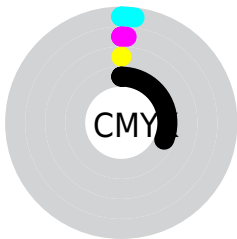
Blue (69%)



Red (68%)

Yellow (69%)

Blue (69%)

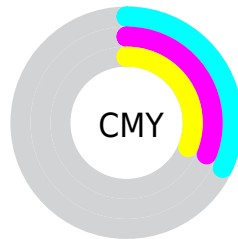


Cyan (2%)

Magenta (1%)

Yellow (0%)

Black (31%)



Cyan (32%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9167, 43.2237, 47.7814 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 40.9167, 43.2237, 47.7814 by changing the saturation by 10% instead.

■ 40.9167, 43.2237,
47.7814

■ 40.9167, 43.2237,
47.7814

341.0409,
359.5309, 394.4087

■ 28.4414, 30.0607,
33.2950

■ 75.8329, 80.0483,
88.2410

■ 18.8008, 19.8846,
22.0796

99.0046, 104.4787,
115.0513

■ 11.6296, 12.3112,
13.7165

126.4723,
133.4337, 146.8067

■ 6.5624, 6.9560,
7.7873

158.6016,
167.2976, 183.9257

■ 3.2338, 3.4346,
3.8733

195.7578,
206.4549, 226.8269

■ 1.2786, 1.3626,
1.5561

238.3061,

■ 0.1671, 0.1889,

251.2900, 275.9287

0.2592

286.6120,
302.1872, 331.6498

■ 0.0000, 0.0000,
0.0000

■ 40.9167, 43.2237,
47.7814

■ 40.9167, 43.2237,
47.7814

■ 36.1024, 39.0680,
47.2337

■ 46.3031, 47.7509,
48.3720

■ 31.8357, 35.2667,
46.7248

■ 52.2776, 52.6551,
49.0037

■ 28.0957, 31.8092,
46.2546

■ 58.8600, 57.9488,
49.6786

■ 24.8587, 28.6823,
45.8216

■ 66.0683, 63.6419,
50.3975

■ 22.0992, 25.8720,
45.4246

■ 71.1055, 68.2935,
51.0299

■ 19.7892, 23.3627,
45.0620

■ 72.5426, 71.1678,
51.5089

■ 17.8974, 21.1373,
44.7322

■ 74.0333, 74.1491,
52.0058

■ 16.3884, 19.1766,
44.4333

■ 75.5780, 77.2384,
52.5207

■ 15.2202, 17.4577,
44.1631

■ 77.1772, 80.4369,
53.0538

Harmonies

Analogous

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



40.8146, 43.2237, 47.4449



40.9167, 43.2237, 47.7814



41.0635, 43.2237, 47.9255

Triad

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



40.9167, 43.2237, 47.7814



41.3828, 43.2237, 47.1186



40.9501, 43.2237, 46.2976

Complementary

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



40.9167, 43.2237, 47.7814



41.1014, 43.0624, 46.1906

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.



41.1022, 43.2237, 46.2114



40.9167, 43.2237, 47.7814



41.3522, 43.2237, 46.6837

Square

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



40.9167, 43.2237, 47.7814



41.3328, 43.2237, 47.5413



41.2494, 43.2237, 46.3524



40.8338, 43.2237, 46.5884

Rectangle

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



40.9167, 43.2237, 47.7814



41.1671, 43.2237, 47.8923



41.2494, 43.2237, 46.3524



40.9987, 43.2237, 46.2438

Sweetspot

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



40.9179, 43.2256, 47.7823



73.9028, 77.9428, 85.6447



40.9112, 43.5368, 46.7795



16.0270, 16.9008, 18.5618



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.



40.9179, 43.2256, 47.7823



72.9726, 77.1512, 85.5409



40.6345, 42.6587, 47.6879



9.3316, 9.8620, 10.9180



10.5172, 11.8347, 31.8670



0.3818, 0.4741, 1.0196

Inverse Universe

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



41.1049, 42.7546, 47.1625



73.3739, 76.1422, 84.2102



41.3858, 43.6312, 46.2854



9.3786, 9.7437, 10.7622



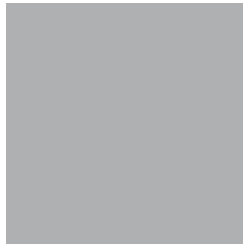
15.5432, 7.7349, 13.2866



0.5147, 0.2536, 0.5533

Previews

White Background



This preview shows how the XYZ color 40.9167, 43.2237, 47.7814 looks on a white background.

Color Contrast Check

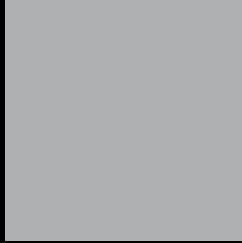
Large Text (above 18pt) WCAG AA × Fail

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 40.9167, 43.2237, 47.7814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

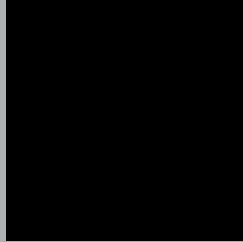
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9167, 43.2237, 47.7814

Background



This preview shows how black text looks on a background with the XYZ color 40.9167, 43.2237, 47.7814.

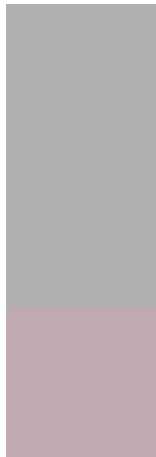


This preview shows how white text looks on a background with the XYZ color 40.9167, 43.2237,

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

40.9167, 43.2237, 47.7814

Protanopia

41.5265, 43.2595, 47.2355

Deuteranopia

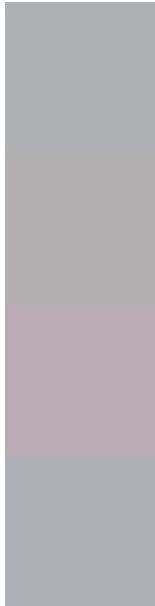
43.8965, 43.0402, 48.1135



Tritanopia

42.1176, 43.1331, 53.6826

Trichromacy



Original Color

40.9167, 43.2237, 47.7814

Protanomaly

41.2979, 43.1416, 47.2248

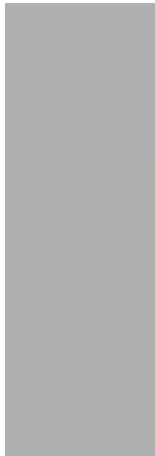
Deuteranomaly

42.7960, 43.0337, 48.1702

Tritanomaly

41.6609, 43.2346, 51.4967

Monochromacy



Original Color

40.9167, 43.2237, 47.7814

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.0410, 43.2992, 47.2688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9167, 43.2237, 47.7814 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, 176, 177)` looks like.

```
.text, #text, p{  
    color:rgb(174, 176, 177)  
}
```

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, 176, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 176, 177) }
```

Border

The CSS property to change the border of an element to XYZ 40.9167, 43.2237, 47.7814 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, 176, 177) }
```


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

```
.border{ border-color:rgb(174, 176, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 176, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 176, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 176, 177);  
box-shadow:4px 4px 4px 4px rgb(174, 176,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9167, 43.2237, 47.7814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 176, 177) }
```

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

```
.background{ background-color: rgb(174,  
176, 177) }
```

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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