

Converting Colors

XYZ(41.2451, 43.2883, 49.9246)

Have a look what the booklet for
XYZ(41.2451, 43.2883, 49.9246)
contains.

XYZ(41.3214, 43.3855, 49.9124)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.3214, 43.3855,
49.9124)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB0B5
RGB	174, 176, 181
RGB Percent	68%, 69%, 71%
CMY	0.3176, 0.3098, 0.2902
CMYK	0.04, 0.03, 0.00, 0.29
HSL	223°, 5%, 70%
HSV	223°, 4%, 71%
XYZ	41.3214, 43.3855, 49.9124
YIQ	175.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

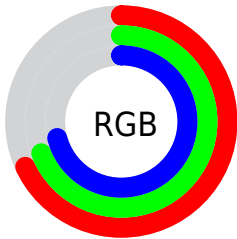
Format	Color
RYB	174, 176, 181
Decimal	11448501
CIELab	71.82, 0.26, -2.80
CIElCh	72, 2.815, 275.283
Yxy	43.3855, 0.3070, 0.3223
Android (android.graphics.Color)	4289638581 (0xFFAEB0B5)
YUV	175.9720, 2.4788, -1.7294
Hunter-Lab	65.8677, -3.2883, 1.1793

Details

The XYZ color **41.3214, 43.3855, 49.9124** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.8163, 45.1196, 46.4975**, and the grayscale version is **41.2418, 43.3896, 47.2513**.

A 20% lighter version of the original color is **76.4558, 80.4857, 91.6264**, and **19.1300, 20.1114, 23.2957** is the 20% darker color. If you saturate the color by 10%, you get **35.1436, 36.6179, 48.9324**, and if you desaturate by 10%, it is **48.2863, 50.9194, 51.0002**.

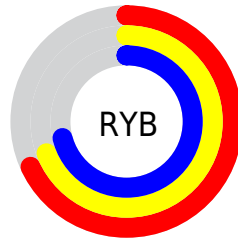
Distribution



Red (68%)

Green (69%)

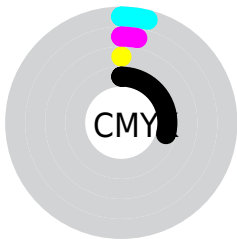
Blue (71%)



Red (68%)

Yellow (69%)

Blue (71%)

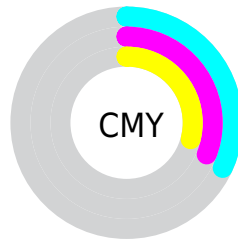


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (32%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3214, 43.3855, 49.9124 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 41.3214, 43.3855, 49.9124 by changing the saturation by 10% instead.

■ 41.3214, 43.3855,
49.9124

■ 41.3214, 43.3855,
49.9124

342.7018,
360.1947, 403.0485

■ 28.7591, 30.1877,
34.9731

■ 76.4432, 80.2923,
91.4400

■ 19.0420, 19.9811,
23.3588

99.7334, 104.7700,
118.8655

■ 11.8048, 12.3813,
14.6509

127.3302,
133.7766, 151.2900

■ 6.6822, 7.0039,
8.4308

159.5991,
167.6963, 189.1322

■ 3.3087, 3.4646,
4.2801

196.9053,
206.9136, 232.8106

■ 1.3190, 1.3788,
1.7803

239.6143,

■ 0.1974, 0.2010,

251.8128, 282.7438

0.4149

288.0913,
302.7784, 339.3503

■ 0.0000, 0.0000,
0.0000

■ 41.3214, 43.3855,
49.9124

■ 41.3214, 43.3855,
49.9124

■ 35.1436, 36.6179,
48.9324

■ 48.2863, 50.9194,
51.0002

■ 29.7209, 30.5864,
48.0540

■ 56.0613, 59.2373,
52.1959

■ 25.0245, 25.2671,
47.2748

■ 64.6733, 68.3634,
53.5035

■ 21.0223, 20.6325,
46.5912

■ 74.1465, 78.3193,
54.9259

■ 17.6798, 16.6532,
45.9993

■ 80.9217, 87.2785,
56.2981

■ 14.9592, 13.2978,
45.4950

■ 84.8753, 95.1856,
57.6159

■ 12.8188, 10.5317,
45.0739

■ 85.3406, 96.1162,
57.7711

■ 11.2112, 8.3168,
44.7311

■ 10.0805, 6.6091,
44.4611

Harmonies

Analogous

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



40.8531, 43.3855, 49.6739



41.3214, 43.3855, 49.9124



41.7704, 43.3855, 49.4234

Triad

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



41.3214, 43.3855, 49.9124



41.9923, 43.3855, 45.7335



40.4064, 43.3855, 46.1461

Complementary

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



41.3214, 43.3855, 49.9124



42.8163, 45.1196, 46.4975

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.



40.7074, 43.3855, 45.1207



41.3214, 43.3855, 49.9124



41.6226, 43.3855, 44.8858

Square

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



41.3214, 43.3855, 49.9124



42.1597, 43.3855, 46.9972



41.1519, 43.3855, 44.6636



40.3271, 43.3855, 47.4825

Rectangle

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



41.3214, 43.3855, 49.9124



41.9976, 43.3855, 48.7562



41.1519, 43.3855, 44.6636



40.4849, 43.3855, 45.7544

Sweetspot

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



41.3226, 43.3873, 49.9134



77.4166, 81.4089, 89.9278



42.1067, 45.2978, 49.1196



16.7468, 17.6108, 19.4388



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



41.3226, 43.3873, 49.9134



72.5868, 76.1580, 89.1688



41.2464, 42.7694, 49.7981



8.7427, 9.1699, 10.8155



6.6419, 4.0842, 30.5753



0.2601, 0.2307, 0.9791

Inverse Universe

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



42.0296, 43.2314, 47.2057



74.2405, 75.8035, 82.8327



42.8939, 45.7598, 46.6170



8.9627, 9.1233, 9.9721



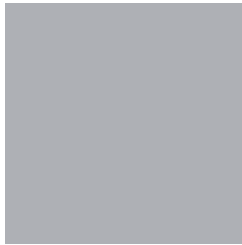
13.5872, 6.9524, 2.9862



0.4533, 0.2291, 0.2298

Previews

White Background



This preview shows how the XYZ color 41.3214, 43.3855, 49.9124 looks on a white background.

Color Contrast Check

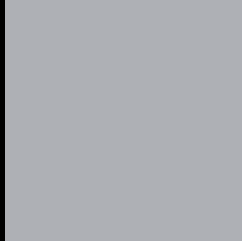
Large Text (above 18pt) WCAG AA × Fail

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 41.3214, 43.3855, 49.9124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

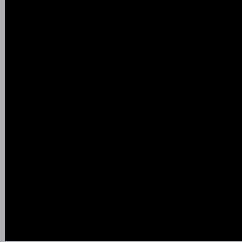
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3214, 43.3855, 49.9124

Background



This preview shows how black text looks on a background with the XYZ color 41.3214, 43.3855, 49.9124.



This preview shows how white text looks on a background with the XYZ color 41.3214, 43.3855,

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

41.3214, 43.3855, 49.9124

Protanopia

41.9283, 43.4202, 49.3511

Deuteranopia

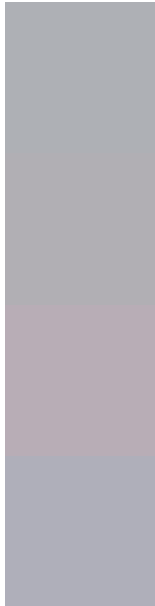
44.2416, 43.4504, 50.3109



Tritanopia

42.1945, 43.4480, 54.3065

Trichromacy



Original Color

41.3214, 43.3855, 49.9124

Protanomaly

41.6997, 43.3023, 49.3404

Deuteranomaly

43.1542, 43.4549, 50.3691

Tritanomaly

41.8721, 43.3191, 52.6089

Monochromacy



Original Color

41.3214, 43.3855, 49.9124

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.2404, 43.3790, 48.3189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3214, 43.3855, 49.9124 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(174, 176, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 176, 181) }
```

Border

The CSS property to change the border of an element to XYZ 41.3214, 43.3855, 49.9124 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, 181) }
```


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

```
.border{ border-color:rgb(174, 176, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 176, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 176, 181);  
box-shadow:4px 4px 4px 4px rgb(174, 176,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3214, 43.3855, 49.9124 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, 181) }
```

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

```
.background{ background-color: rgb(174,  
176, 181) }
```

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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