

Converting Colors

XYZ(39.8330, 43.9120, 41.7253)

Have a look what the booklet for
XYZ(39.8330, 43.9120, 41.7253)
contains.

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Color

**XYZ(39.8167, 43.9808,
41.5125)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB4A4
RGB	171, 180, 164
RGB Percent	67%, 71%, 64%
CMY	0.3294, 0.2941, 0.3569
CMYK	0.05, 0.00, 0.09, 0.29
HSL	94°, 10%, 67%
HSV	94°, 9%, 71%
XYZ	39.8167, 43.9808, 41.5125
YIQ	175.4850, -0.2280, -6.8840

Conversions

Conversions Part 2

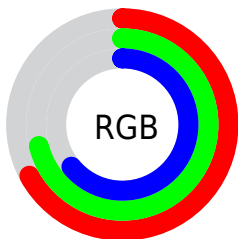
Format	Color
RYB	164, 180, 173
Decimal	11252900
CIELab	72.22, -6.12, 7.07
CIELCh	72, 9.352, 130.862
Yxy	43.9808, 0.3177, 0.3510
Android (android.graphics.Color)	4289442980 (0xFFABB4A4)
YUV	175.4850, -5.6621, -3.9333
Hunter-Lab	66.3180, -8.8869, 9.3094

Details

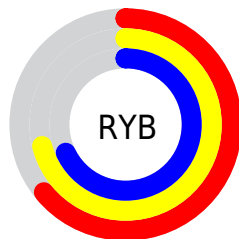
The XYZ color **39.8167, 43.9808, 41.5125** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.7489, 38.7316, 48.6160**, and the grayscale version is **41.0285, 43.1652, 47.0069**.

A 20% lighter version of the original color is **74.1457, 81.2741, 78.7974**, and **18.1218, 20.2705, 18.2867** is the 20% darker color. If you saturate the color by 10%, you get **36.1831, 42.2836, 33.4490**, and if you desaturate by 10%, it is **43.8519, 45.8610, 50.7977**.

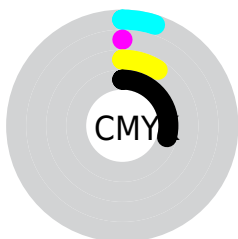
Distribution



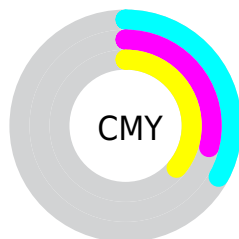
- Red (67%)
- Green (71%)
- Blue (64%)



- Red (64%)
- Yellow (71%)
- Blue (68%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8167, 43.9808, 41.5125 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 39.8167, 43.9808, 41.5125 by changing the saturation by 10% instead.

■ 39.8167, 43.9808,
41.5125

■ 39.8167, 43.9808,
41.5125

336.4981,
362.6299, 368.1979

■ 27.5792, 30.6554,
28.3970

■ 74.1704, 81.1889,
78.7234

■ 18.1476, 20.3366,
18.3835

■ 97.0174, 105.8403,
103.6559

■ 11.1563, 12.6400,
11.0534

124.1316,
135.0359, 133.3645

■ 6.2401, 7.1811,
5.9881

155.8783,
169.1601, 168.2677

■ 3.0337, 3.5756,
2.7692

192.6230,
208.5971, 208.7842

■ 1.1716, 1.4391,
0.9780

234.7309,

■ 0.0838, 0.2453,

253.7315, 255.3323

0.0000

282.5675,
304.9477, 308.3307

■ 0.0000, 0.0000,
0.0000

■ 39.8167, 43.9808,
41.5125

■ 39.8167, 43.9808,
41.5125

■ 36.1831, 42.2836,
33.4490

■ 43.8519, 45.8610,
50.7977

■ 32.9340, 40.7579,
26.5535

■ 48.2978, 47.9240,
61.3496

■ 30.0566, 39.3995,
20.7726

■ 53.1676, 50.1769,
73.2143

■ 27.5356, 38.2019,
16.0475

■ 58.4730, 52.6248,
86.4349

■ 25.3547, 37.1580,
12.3143

■ 64.2249, 55.2724,
101.0525

■ 23.4961, 36.2601,
9.5017

■ 67.5740, 56.9805,
102.0445

■ 21.9399, 35.4999,
7.5294

■ 70.9524, 58.7221,
102.2026

■ 20.6634, 34.8677,
6.3028

■ 74.5232, 60.5629,
102.3698

■ 19.6294, 34.3479,
5.6526

■ 75.6121, 61.1243,
102.4207

Harmonies

Analogous

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



41.2239, 43.9808, 39.7253



39.8167, 43.9808, 41.5125



38.9555, 43.9808, 45.0494

Triad

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



39.8167, 43.9808, 41.5125



40.7993, 43.9808, 56.7275



44.9055, 43.9808, 46.2421

Complementary

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



39.8167, 43.9808, 41.5125



38.7489, 38.7316, 48.6160

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.



44.7847, 43.9808, 50.8426



39.8167, 43.9808, 41.5125



42.3864, 43.9808, 57.0977

Square

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



39.8167, 43.9808, 41.5125



39.5127, 43.9808, 53.9027



43.8531, 43.9808, 54.8841



44.1789, 43.9808, 42.3375

Rectangle

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



39.8167, 43.9808, 41.5125



38.7935, 43.9808, 48.0206



43.8531, 43.9808, 54.8841



44.9631, 43.9808, 47.7549

Sweetspot

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



39.8179, 43.9827, 41.5135



76.3758, 81.6942, 84.8235



40.4302, 42.1958, 41.1363



16.3805, 17.5979, 18.0407



86.6293, 91.1408, 99.2523



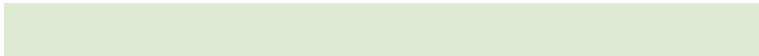
17.0014, 17.8868, 19.4787

Same Dimension

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



39.8179, 43.9827, 41.5135



70.6170, 79.0095, 71.7164



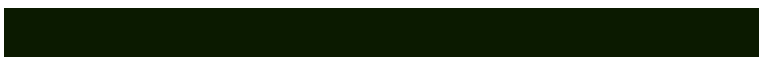
38.4057, 43.2463, 41.8258



8.7299, 9.6658, 9.0581



13.7007, 23.9730, 3.9052



0.4985, 0.7890, 0.1260

Inverse Universe

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



38.7489, 38.7316, 48.6160



68.2154, 67.2126, 87.6726



40.2564, 39.5181, 48.2622



8.4840, 8.4580, 10.6917



9.5947, 4.2820, 30.4578



0.3674, 0.1685, 0.9614

Previews

White Background



This preview shows how the XYZ color 39.8167, 43.9808, 41.5125 looks on a white background.

Color Contrast Check

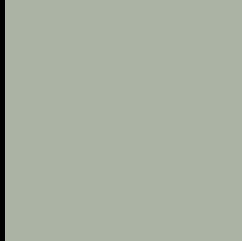
Large Text (above 18pt) WCAG AA × Fail

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 39.8167, 43.9808, 41.5125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

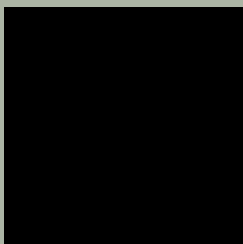
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

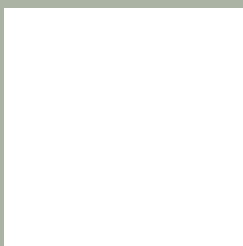
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.8167, 43.9808, 41.5125

Background



This preview shows how black text looks on a background with the XYZ color 39.8167, 43.9808, 41.5125.



This preview shows how white text looks on a background with the XYZ color 39.8167, 43.9808,

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

39.8167, 43.9808, 41.5125

Protanopia

41.8141, 43.8497, 40.4424

Deuteranopia

44.7345, 43.8848, 42.1892



Tritanopia

42.4988, 43.8823, 54.9454

Trichromacy



Original Color

39.8167, 43.9808, 41.5125

Protanomaly

40.9234, 43.6723, 40.9230

Deuteranomaly

42.6666, 43.6801, 41.7796

Tritanomaly

41.5182, 43.7791, 49.9780

Monochromacy



Original Color

39.8167, 43.9808, 41.5125

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.5284, 43.3832, 44.7658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8167, 43.9808, 41.5125 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(171, 180, 164)` looks like.

```
.text, #text, p{  
    color:rgb(171, 180, 164)  
}
```

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(171, 180, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 180, 164) }
```

Border

The CSS property to change the border of an element to XYZ 39.8167, 43.9808, 41.5125 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(171, 180, 164) }
```


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

```
.border{ border-color:rgb(171, 180, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 180, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 180, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 180, 164);  
box-shadow:4px 4px 4px 4px rgb(171, 180,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8167, 43.9808, 41.5125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 180, 164) }
```

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

```
.background{ background-color: rgb(171,  
180, 164) }
```

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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