

Converting Colors

XYZ(40.9949, 44.8871, 41.8243)

Have a look what the booklet for
XYZ(40.9949, 44.8871, 41.8243)
contains.

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Color

**XYZ(40.9039, 44.8420,
41.6215)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB5A4
RGB	175, 181, 164
RGB Percent	69%, 71%, 64%
CMY	0.3137, 0.2902, 0.3569
CMYK	0.03, 0.00, 0.09, 0.29
HSL	81°, 10%, 68%
HSV	81°, 9%, 71%
XYZ	40.9039, 44.8420, 41.6215
YIQ	177.2680, 1.8810, -6.5590

Conversions

Conversions Part 2

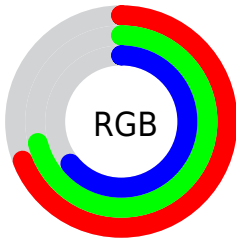
Format	Color
RYB	164, 181, 170
Decimal	11515300
CIELab	72.79, -5.21, 7.93
CIElCh	73, 9.491, 123.296
Yxy	44.8420, 0.3211, 0.3521
Android (android.graphics.Color)	4289705380 (0xFFAFB5A4)
YUV	177.2680, -6.5411, -1.9890
Hunter-Lab	66.9642, -8.1537, 10.0233

Details

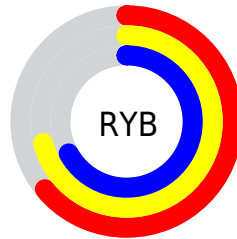
The XYZ color **40.9039, 44.8420, 41.6215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **38.1952, 38.4344, 49.1238**, and the grayscale version is **41.9644, 44.1499, 48.0792**.

A 20% lighter version of the original color is **76.0254, 82.6718, 78.9681**, and **18.8122, 20.8191, 18.3562** is the 20% darker color. If you saturate the color by 10%, you get **37.9840, 43.5137, 33.5508**, and if you desaturate by 10%, it is **44.1268, 46.3023, 50.9227**.

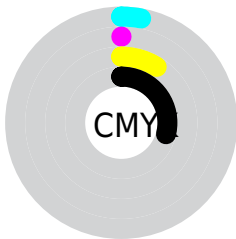
Distribution



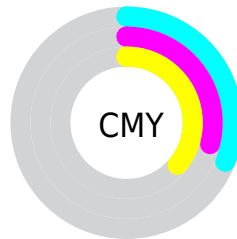
- Red (69%)
- Green (71%)
- Blue (64%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9039, 44.8420, 41.6215 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 40.9039, 44.8420, 41.6215 by changing the saturation by 10% instead.

■ 40.9039, 44.8420,
41.6215

■ 40.9039, 44.8420,
41.6215

340.9883,
366.1333, 368.6648

■ 28.4313, 31.3330,
28.4817

■ 75.8136, 82.4833,
78.8904

■ 18.7932, 20.8525,
18.4469

■ 98.9815, 107.3843,
103.8565

■ 11.6240, 13.0163,
11.0985

126.4452,
136.8515, 133.6018

■ 6.5586, 7.4397,
6.0182

158.5700,
171.2692, 168.5448

■ 3.2315, 3.7386,
2.7872

195.7214,
211.0219, 209.1040

■ 1.2773, 1.5284,
0.9870

238.2647,

■ 0.1661, 0.3086,

256.4938, 255.6981

0.0000

286.5652,
308.0695, 308.7455

■ 0.0000, 0.0000,
0.0000

■ 40.9039, 44.8420,
41.6215

■ 40.9039, 44.8420,
41.6215

■ 37.9840, 43.5137,
33.5508

■ 44.1268, 46.3023,
50.9227

■ 35.3528, 42.3071,
26.6561

■ 47.6593, 47.8929,
61.5000

■ 33.0000, 41.2196,
20.8833

■ 51.5120, 49.6196,
73.4001

■ 30.9135, 40.2460,
16.1727

■ 55.6942, 51.4863,
86.6668

■ 29.0797, 39.3810,
12.4591

■ 60.2145, 53.4965,
101.3415

■ 27.4841, 38.6185,
9.6703

■ 62.1158, 54.4674,
101.8471

■ 26.1100, 37.9517,
7.7242

■ 64.0104, 55.4441,
101.9358

■ 24.9380, 37.3729,
6.5243

■ 65.9789, 56.4589,
102.0279

■ 23.9320, 36.8674,
5.8863

■ 68.0221, 57.5122,
102.1236

Harmonies

Analogous

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



42.4389, 44.8420, 40.3089



40.9039, 44.8420, 41.6215



39.8506, 44.8420, 44.8571

Triad

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



40.9039, 44.8420, 41.6215



41.2119, 44.8420, 57.3953



45.8656, 44.8420, 48.3051

Complementary

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



40.9039, 44.8420, 41.6215



38.1952, 38.4344, 49.1238

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.



45.5168, 44.8420, 53.0209



40.9039, 44.8420, 41.6215



42.8035, 44.8420, 58.4640

Square

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



40.9039, 44.8420, 41.6215



40.0252, 44.8420, 53.9820



44.3854, 44.8420, 56.8158



45.3266, 44.8420, 44.0079

Rectangle

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



40.9039, 44.8420, 41.6215



39.5488, 44.8420, 47.7728



44.3854, 44.8420, 56.8158



45.8483, 44.8420, 49.8932

Sweetspot

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



40.9051, 44.8439, 41.6225



76.8528, 81.9401, 84.8458



40.1238, 41.2363, 40.9673



16.5100, 17.6647, 18.0468



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.



40.9051, 44.8439, 41.6225



72.2809, 79.8673, 71.7943



39.0676, 43.8966, 41.5365



8.9001, 9.7536, 9.0661



16.5345, 25.4339, 4.0378



0.5807, 0.8314, 0.1299

Inverse Universe

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



38.1952, 38.4344, 49.1238



66.5728, 66.3658, 87.5957



40.0811, 39.4066, 49.2121



8.3157, 8.3712, 10.6839



7.2722, 3.0848, 30.3491



0.2936, 0.1305, 0.9579

Previews

White Background



This preview shows how the XYZ color 40.9039, 44.8420, 41.6215 looks on a white background.

Color Contrast Check

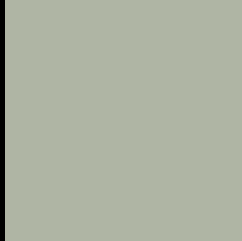
Large Text (above 18pt) WCAG AA × Fail

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 40.9039, 44.8420, 41.6215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

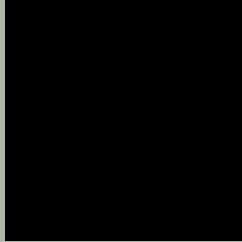
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9039, 44.8420, 41.6215

Background



This preview shows how black text looks on a background with the XYZ color 40.9039, 44.8420, 41.6215.



This preview shows how white text looks on a background with the XYZ color 40.9039, 44.8420,

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

40.9039, 44.8420, 41.6215

Protanopia

42.4496, 44.7637, 40.5853

Deuteranopia

45.4549, 44.5376, 42.2773



Tritanopia

43.7165, 44.7896, 55.6314

Trichromacy



Original Color

40.9039, 44.8420, 41.6215

Protanomaly

41.7870, 44.7083, 41.0775

Deuteranomaly

43.6074, 44.4529, 41.8792

Tritanomaly

42.6210, 44.6420, 50.0865

Monochromacy



Original Color

40.9039, 44.8420, 41.6215

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.2713, 44.0495, 45.3569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9039, 44.8420, 41.6215 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(175, 181, 164)` looks like.

```
.text, #text, p{  
    color:rgb(175, 181, 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(175, 181, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 181, 164) }
```

Border

The CSS property to change the border of an element to XYZ 40.9039, 44.8420, 41.6215 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(175, 181, 164) }
```


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

```
.border{ border-color:rgb(175, 181, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 181, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 181, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 181, 164);  
box-shadow:4px 4px 4px 4px rgb(175, 181,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9039, 44.8420, 41.6215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 181, 164) }
```

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

```
.background{ background-color: rgb(175,  
181, 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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