

Converting Colors

XYZ(41.0473, 42.5547, 51.0108)

Have a look what the booklet for
XYZ(41.0473, 42.5547, 51.0108)
contains.

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Color

**XYZ(41.1389, 42.6897,
50.8714)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAEB7
RGB	174, 174, 183
RGB Percent	68%, 68%, 72%
CMY	0.3176, 0.3176, 0.2823
CMYK	0.05, 0.05, 0.00, 0.28
HSL	240°, 6%, 70%
HSV	240°, 5%, 72%
XYZ	41.1389, 42.6897, 50.8714
YIQ	175.0260, -2.8890, 2.7990

Conversions

Conversions Part 2

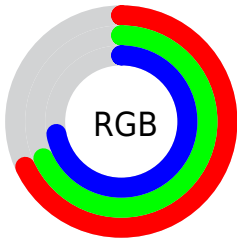
Format	Color
RYB	174, 174, 183
Decimal	11447991
CIELab	71.34, 1.74, -4.60
CIELCh	71, 4.915, 290.673
Yxy	42.6897, 0.3054, 0.3169
Android (android.graphics.Color)	4289638071 (0xFFFAEAEB7)
YUV	175.0260, 3.9312, -0.8998
Hunter-Lab	65.3374, -1.9499, -0.4268

Details

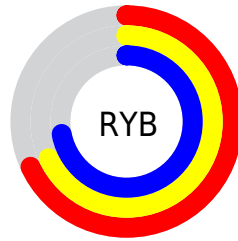
The XYZ color **41.1389, 42.6897, 50.8714** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.1020, 46.9899, 46.7907**, and the grayscale version is **40.7434, 42.8653, 46.6803**.

A 20% lighter version of the original color is **75.9124, 78.9286, 92.8951**, and **19.0148, 19.6683, 23.9133** is the 20% darker color. If you saturate the color by 10%, you get **34.0397, 34.1366, 49.5953**, and if you desaturate by 10%, it is **49.2774, 52.4956, 52.3358**.

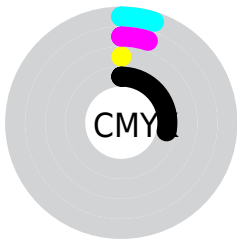
Distribution



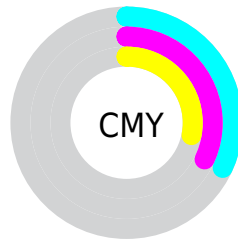
- Red (68%)
- Green (68%)
- Blue (72%)



- Red (68%)
- Yellow (68%)
- Blue (72%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (28%)



- Cyan (32%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1389, 42.6897, 50.8714 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 41.1389, 42.6897, 50.8714 by changing the saturation by 10% instead.

■ 41.1389, 42.6897,
50.8714

■ 41.1389, 42.6897,
50.8714

341.9535,
357.3341, 406.8962

■ 28.6158, 29.6417,
35.7303

■ 76.1681, 79.2424,
92.8742

■ 18.9332, 19.5668,
23.9379

99.4049, 103.5159,
120.5730

■ 11.7257, 12.0805,
15.0758

126.9436,
132.3001, 153.2946

■ 6.6281, 6.7986,
8.7254

159.1495,
165.9792, 191.4578

■ 3.2749, 3.3364,
4.4681

196.3882,
204.9378, 235.4810

■ 1.3007, 1.3098,
1.8855

239.0248,

■ 0.1838, 0.1488,

249.5602, 285.7828

0.4835

287.4248,
300.2309, 342.7817

■ 0.0000, 0.0000,
0.0000

■ 41.1389, 42.6897,
50.8714

■ 41.1389, 42.6897,
50.8714

■ 34.0397, 34.1366,
49.5953

■ 49.2774, 52.4956,
52.3358

■ 27.9345, 26.7807,
48.4972

■ 58.4909, 63.5961,
53.9928

■ 22.7801, 20.5702,
47.5702

■ 68.8177, 76.0379,
55.8501

■ 18.5286, 15.4475,
46.8055

■ 80.2934, 89.8638,
57.9139

■ 15.1282, 11.3501,
46.1938

■ 85.5474, 96.1989,
58.8598

■ 12.5215, 8.2090,
45.7249

■ 10.6443, 5.9468,
45.3872

■ 9.4223, 4.4740,
45.1673

■ 8.7653, 3.6819,
45.0491

Harmonies

Analogous

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



40.3183, 42.6897, 51.1191



41.1389, 42.6897, 50.8714



41.8170, 42.6897, 49.4262

Triad

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



41.1389, 42.6897, 50.8714



41.5908, 42.6897, 43.0494



39.0272, 42.6897, 45.7481

Complementary

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



41.1389, 42.6897, 50.8714



44.1020, 46.9899, 46.7907

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.



39.3584, 42.6897, 43.6567



41.1389, 42.6897, 50.8714



40.8334, 42.6897, 42.1338

Square

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



41.1389, 42.6897, 50.8714



42.0804, 42.6897, 44.8935



40.0168, 42.6897, 42.3523



39.1065, 42.6897, 48.1072

Rectangle

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



41.1389, 42.6897, 50.8714



42.0934, 42.6897, 48.0044



40.0168, 42.6897, 42.3523



39.0941, 42.6897, 44.9918

Sweetspot

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



41.1401, 42.6915, 50.8723



79.1410, 83.0380, 92.0925



42.9214, 46.2790, 51.3891



17.4965, 18.3607, 20.3434



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.



41.1401, 42.6915, 50.8723



72.0827, 74.5339, 90.8230



42.1246, 43.1983, 50.9183



8.9816, 9.2744, 11.3962



5.9632, 2.3860, 31.3993



0.2103, 0.0843, 1.1069

Inverse Universe

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



42.3055, 43.3963, 46.1931



74.6509, 76.0872, 80.5108



43.0838, 46.4657, 46.7432



9.3264, 9.4829, 10.0117



13.6236, 7.0232, 0.6388



0.4803, 0.2476, 0.0227

Previews

White Background



This preview shows how the XYZ color 41.1389, 42.6897, 50.8714 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 41.1389, 42.6897, 50.8714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

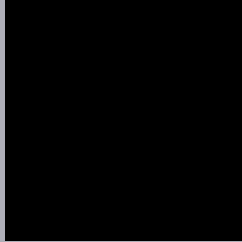
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1389, 42.6897, 50.8714

Background



This preview shows how black text looks on a background with the XYZ color 41.1389, 42.6897, 50.8714.

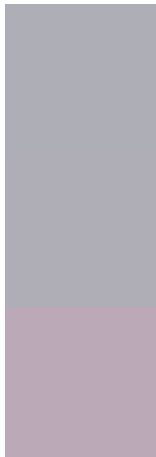


This preview shows how white text looks on a background with the XYZ color 41.1389, 42.6897,

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

41.1389, 42.6897, 50.8714

Protanopia

41.3625, 42.8050, 50.8819

Deuteranopia

43.3332, 42.4014, 51.2478



Tritanopia

41.5924, 42.5890, 53.0420

Trichromacy



Original Color

41.1389, 42.6897, 50.8714

Protanomaly

41.3625, 42.8050, 50.8819

Deuteranomaly

42.5060, 42.5316, 51.3165

Tritanomaly

41.4857, 42.5463, 52.4801

Monochromacy



Original Color

41.1389, 42.6897, 50.8714

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.0450, 42.9883, 48.2537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1389, 42.6897, 50.8714 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, 174, 183)` looks like.

```
.text, #text, p{  
    color:rgb(174, 174, 183)  
}
```

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, 174, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 174, 183) }
```

Border

The CSS property to change the border of an element to XYZ 41.1389, 42.6897, 50.8714 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, 174, 183) }
```


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

```
.border{ border-color:rgb(174, 174, 183) }
```

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

Here you see how a box with a 4 pixel rgb(174, 174, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 174, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 174, 183);  
box-shadow:4px 4px 4px 4px rgb(174, 174,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1389, 42.6897, 50.8714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 174, 183) }
```

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

```
.background{ background-color: rgb(174,  
174, 183) }
```

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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