

Converting Colors

XYZ(38.9016, 41.4956, 50.3775)

Have a look what the booklet for
XYZ(38.9016, 41.4956, 50.3775)
contains.

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Color

**XYZ(38.8894, 41.5420,
50.2247)**

Conversions

Conversions Part 1

Format	Color
Hex	A4AEB6
RGB	164, 174, 182
RGB Percent	64%, 68%, 71%
CMY	0.3569, 0.3176, 0.2863
CMYK	0.10, 0.04, 0.00, 0.29
HSL	207°, 11%, 68%
HSV	207°, 10%, 71%
XYZ	38.8894, 41.5420, 50.2247
YIQ	171.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

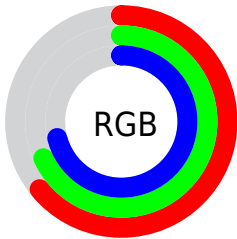
Format	Color
RYB	164, 170, 182
Decimal	10792630
CIELab	70.55, -1.88, -5.30
CIELCh	71, 5.625, 250.435
Yxy	41.5420, 0.2976, 0.3179
Android (android.graphics.Color)	4288982710 (0xFFA4AEB6)
YUV	171.9220, 4.9685, -6.9476
Hunter-Lab	64.4531, -5.0904, -1.0842

Details

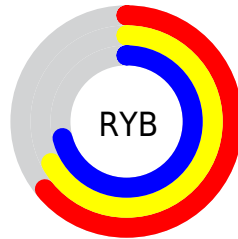
The XYZ color **38.8894, 41.5420, 50.2247** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7450, 42.1303, 41.1072**, and the grayscale version is **39.1530, 41.1920, 44.8581**.

A 20% lighter version of the original color is **72.6653, 77.2717, 91.9740**, and **17.6041, 18.9488, 23.4985** is the 20% darker color. If you saturate the color by 10%, you get **33.8836, 36.7127, 49.5570**, and if you desaturate by 10%, it is **44.5292, 46.8400, 50.9507**.

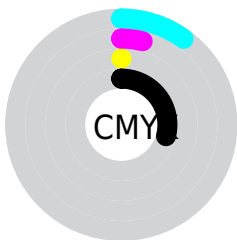
Distribution



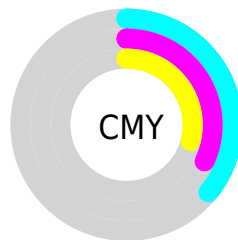
- Red (64%)
- Green (68%)
- Blue (71%)



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



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8894, 41.5420, 50.2247 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 38.8894, 41.5420, 50.2247 by changing the saturation by 10% instead.

■ 38.8894, 41.5420,
50.2247

■ 38.8894, 41.5420,
50.2247

332.6353,
352.5808, 404.3042

■ 26.8540, 28.7428,
35.2195

■ 72.7645, 77.5060,
91.9074

■ 17.5996, 18.8864,
23.5471

■ 95.3349, 101.4396,
119.4221

■ 10.7609, 11.5882,
14.7889

122.1477,
129.8535, 151.9437

■ 5.9724, 6.4639,
8.5264

153.5683,
163.1320, 189.8907

■ 2.8688, 3.1292,
4.3410

189.9620,
201.6597, 233.6818

■ 1.0848, 1.1995,
1.8142

231.6942,

■ 0.0123, 0.0613,

245.8207, 283.7353

0.4373

279.1301,
295.9997, 340.4700

■ 0.0000, 0.0000,
0.0000

■ 38.8894, 41.5420,
50.2247

■ 38.8894, 41.5420,
50.2247

■ 33.8836, 36.7127,
49.5570

■ 44.5292, 46.8400,
50.9507

■ 29.4839, 32.3319,
48.9433

■ 50.8223, 52.6158,
51.7339

■ 25.6654, 28.3854,
48.3829

■ 57.7917, 58.8845,
52.5765

■ 22.4001, 24.8563,
47.8738

■ 65.4582, 65.6591,
53.4801

■ 19.6574, 21.7260,
47.4141

■ 73.8407, 72.9516,
54.4459

■ 17.4035, 18.9745,
47.0018

■ 75.9439, 77.1580,
55.1469

■ 15.6002, 16.5791,
46.6345

■ 78.1502, 81.5706,
55.8824

■ 14.2027, 14.5140,
46.3096

■ 80.4610, 86.1922,
56.6526

■ 13.1218, 12.7300,
46.0222

■ 82.8777, 91.0256,
57.4582

Harmonies

Analogous

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



38.1407, 41.5420, 48.6312



38.8894, 41.5420, 50.2247



39.8088, 41.5420, 50.4510

Triad

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



38.8894, 41.5420, 50.2247



41.2669, 41.5420, 44.3121



38.3374, 41.5420, 41.4498

Complementary

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



38.8894, 41.5420, 50.2247



40.7450, 42.1303, 41.1072

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.



39.1618, 41.5420, 40.3863



38.8894, 41.5420, 50.2247



40.8594, 41.5420, 41.9953

Square

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



38.8894, 41.5420, 50.2247



41.1912, 41.5420, 46.9666



40.0855, 41.5420, 40.5820



37.8254, 41.5420, 43.5410

Rectangle

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



38.8894, 41.5420, 50.2247



40.3960, 41.5420, 49.7869



40.0855, 41.5420, 40.5820



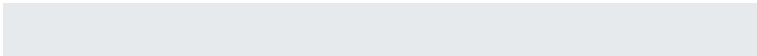
38.5866, 41.5420, 40.9641

Sweetspot

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



38.8906, 41.5437, 50.2256



77.3722, 81.7914, 91.9451



39.4657, 44.3200, 45.4044



16.9042, 17.8921, 20.2842



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.



38.8906, 41.5437, 50.2256



68.3073, 73.2173, 90.7679



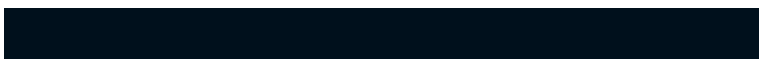
37.2453, 38.2532, 49.6772



8.9238, 9.5247, 11.4476



9.3256, 9.1108, 32.5201



0.3894, 0.4426, 1.1666

Inverse Universe

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



40.2078, 39.5529, 45.5617



71.2234, 68.8896, 80.4244



42.4762, 45.5926, 41.6843



9.2079, 9.0935, 10.4420



15.3208, 7.7021, 9.5761



0.5707, 0.2838, 0.4989

Previews

White Background



This preview shows how the XYZ color 38.8894, 41.5420, 50.2247 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 38.8894, 41.5420, 50.2247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

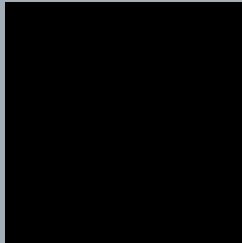
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

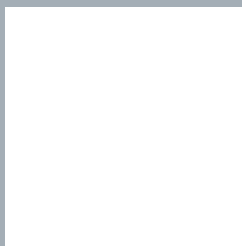
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.8894, 41.5420, 50.2247

Background



This preview shows how black text looks on a background with the XYZ color 38.8894, 41.5420, 50.2247.



This preview shows how white text looks on a background with the XYZ color 38.8894, 41.5420,

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

38.8894, 41.5420, 50.2247

Protanopia

40.0347, 41.3053, 49.0427

Deuteranopia

42.1331, 41.2467, 50.5405



Tritanopia

39.4303, 41.4743, 52.9409

Trichromacy



Original Color

38.8894, 41.5420, 50.2247

Protanomaly

39.6706, 41.3873, 49.6137

Deuteranomaly

41.0534, 41.5155, 50.6493

Tritanomaly

39.2176, 41.3893, 51.8209

Monochromacy



Original Color

38.8894, 41.5420, 50.2247

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.1422, 41.4567, 47.0132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8894, 41.5420, 50.2247 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(164, 174, 182)` looks like.

```
.text, #text, p{  
    color:rgb(164, 174, 182)  
}
```

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(164, 174, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 174, 182) }
```

Border

The CSS property to change the border of an element to XYZ 38.8894, 41.5420, 50.2247 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(164, 174, 182) }
```


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

```
.border{ border-color:rgb(164, 174, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 174, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 174, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 174, 182);  
box-shadow:4px 4px 4px 4px rgb(164, 174,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8894, 41.5420, 50.2247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 174, 182) }
```

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

```
.background{ background-color: rgb(164,  
174, 182) }
```

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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