

Converting Colors

XYZ(41.5215, 43.0766, 55.9191)

Have a look what the booklet for
XYZ(41.5215, 43.0766, 55.9191)
contains.

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Color

**XYZ(41.4220, 43.0118,
55.9881)**

Conversions

Conversions Part 1

Format	Color
Hex	AAAFC0
RGB	170, 175, 192
RGB Percent	67%, 69%, 75%
CMY	0.3333, 0.3137, 0.2471
CMYK	0.11, 0.09, 0.00, 0.25
HSL	226°, 15%, 71%
HSV	226°, 11%, 75%
XYZ	41.4220, 43.0118, 55.9881
YIQ	175.4430, -8.4370, 4.2270

Conversions

Conversions Part 2

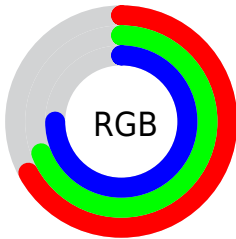
Format	Color
RYB	170, 174, 192
Decimal	11186112
CIELab	71.56, 1.66, -9.26
CIELCh	72, 9.406, 280.142
Yxy	43.0118, 0.2950, 0.3063
Android (android.graphics.Color)	4289376192 (0xFFAAAF0)
YUV	175.4430, 8.1626, -4.7735
Hunter-Lab	65.5834, -2.0316, -4.7071

Details

The XYZ color **41.4220, 43.0118, 55.9881** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.7645, 49.6491, 45.1496**, and the grayscale version is **40.9403, 43.0724, 46.9058**.

A 20% lighter version of the original color is **76.2914, 79.3785, 100.1075**, and **19.2144, 19.8815, 27.2509** is the 20% darker color. If you saturate the color by 10%, you get **34.8405, 35.5667, 54.8986**, and if you desaturate by 10%, it is **48.9294, 51.4074, 57.2136**.

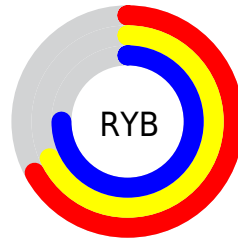
Distribution



Red (67%)

Green (69%)

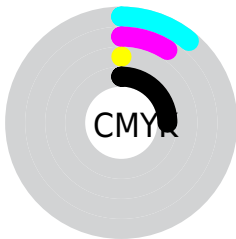
Blue (75%)



Red (67%)

Yellow (68%)

Blue (75%)

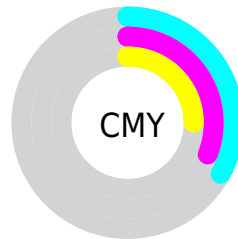


Cyan (11%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4220, 43.0118, 55.9881 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 41.4220, 43.0118, 55.9881 by changing the saturation by 10% instead.

■ 41.4220, 43.0118,
55.9881

■ 41.4220, 43.0118,
55.9881

343.1138,
358.6603, 427.0337

■ 28.8381, 29.8944,
39.7895

■ 76.5948, 79.7287,
100.4728

■ 19.1020, 19.7584,
27.0619

99.9143, 104.0969,
129.5959

■ 11.8485, 12.2196,
17.3869

127.5432,
132.9842, 163.8643

■ 6.7121, 6.8934,
10.3458

159.8466,
166.7749, 203.6965

■ 3.3274, 3.3955,
5.5203

197.1901,
205.8535, 249.5109

■ 1.3292, 1.3415,
2.4916

239.9388,

■ 0.2049, 0.1730,

250.6043, 301.7263

0.8357

288.4583,
301.4118, 360.7610

■ 0.0000, 0.0000,
0.0000

■ 41.4220, 43.0118,
55.9881

■ 41.4220, 43.0118,
55.9881

■ 34.8405, 35.5667,
54.8986

■ 48.9294, 51.4074,
57.2136

■ 29.1448, 29.0327,
53.9376

■ 57.3933, 60.7803,
58.5767

■ 24.2973, 23.3758,
53.1012

■ 66.8474, 71.1629,
60.0824

■ 20.2562, 18.5576,
52.3842

■ 77.3228, 82.5843,
61.7349

■ 16.9761, 14.5365,
51.7809

■ 84.6846, 92.9259,
63.3430

■ 14.4069, 11.2677,
51.2854

■ 86.5146, 96.5858,
63.9530

■ 12.4919, 8.7011,
50.8909

■ 11.1653, 6.7799,
50.5900

■ 10.4025, 5.5818,
50.3990

Harmonies

Analogous

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



39.8520, 43.0118, 55.5570



41.4220, 43.0118, 55.9881



42.8836, 43.0118, 53.8475

Triad

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



41.4220, 43.0118, 55.9881



43.2626, 43.0118, 41.4131



38.0737, 43.0118, 43.9217

Complementary

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



41.4220, 43.0118, 55.9881



46.7645, 49.6491, 45.1496

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.



38.9425, 43.0118, 40.4549



41.4220, 43.0118, 55.9881



41.9284, 43.0118, 39.0729

Square

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



41.4220, 43.0118, 55.9881



43.9644, 43.0118, 45.3080



40.3456, 43.0118, 38.7338



37.9460, 43.0118, 48.3909

Rectangle

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



41.4220, 43.0118, 55.9881



43.5898, 43.0118, 51.3268



40.3456, 43.0118, 38.7338



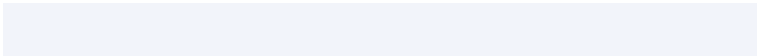
38.2876, 43.0118, 42.6086

Sweetspot

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



41.4233, 43.0136, 55.9891



86.3792, 90.6107, 103.2972



44.3834, 49.8282, 54.2182



18.2857, 19.1653, 22.1208



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



41.4233, 43.0136, 55.9891



71.5915, 74.0354, 100.8773



41.7643, 41.7707, 55.7312



9.7100, 10.1113, 12.7247



7.0492, 3.8549, 33.9291



0.3584, 0.2743, 1.4839

Inverse Universe

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



43.8518, 43.0521, 46.5582



76.9687, 74.1833, 79.9817



46.3882, 51.0581, 45.4414



10.1649, 10.1146, 10.9590



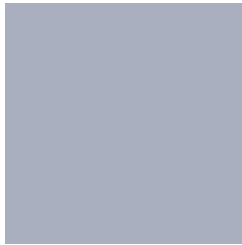
14.9541, 7.6714, 2.4043



0.6733, 0.3423, 0.2470

Previews

White Background



This preview shows how the XYZ color 41.4220, 43.0118, 55.9881 looks on a white background.

Color Contrast Check

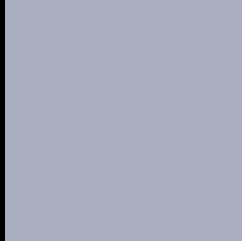
Large Text (above 18pt) WCAG AA × Fail

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 41.4220, 43.0118, 55.9881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

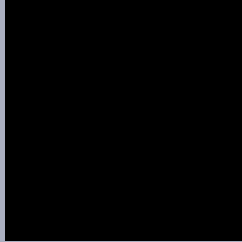
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4220, 43.0118, 55.9881

Background



This preview shows how black text looks on a background with the XYZ color 41.4220, 43.0118, 55.9881.

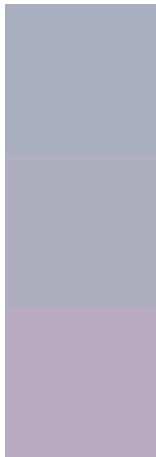


This preview shows how white text looks on a background with the XYZ color 41.4220, 43.0118,

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

41.4220, 43.0118, 55.9881

Protanopia

41.9956, 43.0324, 55.3829

Deuteranopia

43.7675, 42.7901, 56.4046



Tritanopia

41.0928, 42.8801, 54.2550

Trichromacy



Original Color

41.4220, 43.0118, 55.9881

Protanomaly

41.7736, 42.9179, 55.3725

Deuteranomaly

42.9686, 42.9390, 56.4754

Tritanomaly

41.2018, 42.9237, 54.8287

Monochromacy



Original Color

41.4220, 43.0118, 55.9881

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.9040, 42.8804, 49.8369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4220, 43.0118, 55.9881 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(170, 175, 192) looks like.

```
.text, #text, p{  
    color:rgb(170, 175, 192)  
}
```

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(170, 175, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 175, 192) }
```

Border

The CSS property to change the border of an element to XYZ 41.4220, 43.0118, 55.9881 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(170, 175, 192) }
```


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

```
.border{ border-color:rgb(170, 175, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 175, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 175, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 175, 192);  
box-shadow:4px 4px 4px 4px rgb(170, 175,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4220, 43.0118, 55.9881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 175, 192) }
```

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

```
.background{ background-color: rgb(170,  
175, 192) }
```

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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