

Converting Colors

XYZ(42.0048, 43.6077, 55.6385)

Have a look what the booklet for
XYZ(42.0048, 43.6077, 55.6385)
contains.

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Color

**XYZ(41.9426, 43.5829,
55.4919)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB0BF
RGB	172, 176, 191
RGB Percent	67%, 69%, 75%
CMY	0.3255, 0.3098, 0.2510
CMYK	0.10, 0.08, 0.00, 0.25
HSL	227°, 13%, 71%
HSV	227°, 10%, 75%
XYZ	41.9426, 43.5829, 55.4919
YIQ	176.5140, -7.1990, 3.8170

Conversions

Conversions Part 2

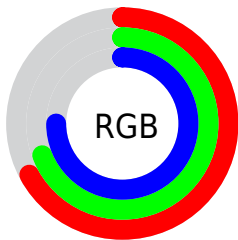
Format	Color
RYB	172, 175, 191
Decimal	11317439
CIELab	71.95, 1.57, -8.12
CIELCh	72, 8.270, 280.977
Yxy	43.5829, 0.2974, 0.3091
Android (android.graphics.Color)	4289507519 (0xFFACB0BF)
YUV	176.5140, 7.1416, -3.9588
Hunter-Lab	66.0173, -2.1245, -3.6250

Details

The XYZ color **41.9426, 43.5829, 55.4919** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.7028, 49.5954, 46.1421**, and the grayscale version is **41.5028, 43.6642, 47.5503**.

A 20% lighter version of the original color is **77.3237, 80.7595, 99.5084**, and **19.5408, 20.2434, 26.9222** is the 20% darker color. If you saturate the color by 10%, you get **35.2546, 35.9887, 54.3792**, and if you desaturate by 10%, it is **49.5641, 52.1481, 56.7441**.

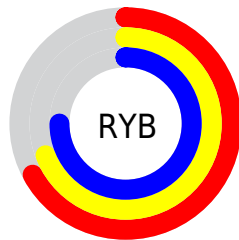
Distribution



Red (67%)

Green (69%)

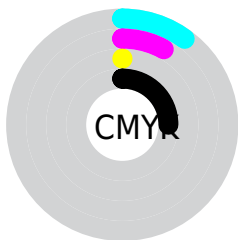
Blue (75%)



Red (67%)

Yellow (69%)

Blue (75%)

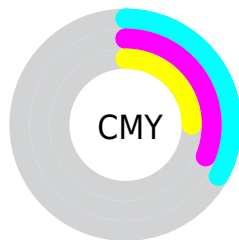


Cyan (10%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9426, 43.5829, 55.4919 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 41.9426, 43.5829, 55.4919 by changing the saturation by 10% instead.

■ 41.9426, 43.5829,
55.4919

■ 41.9426, 43.5829,
55.4919

345.2406,
361.0035, 425.1082

■ 29.2473, 30.3427,
39.3944

■ 77.3785, 80.5897,
99.7397

■ 19.4132, 20.0989,
26.7565

100.8497,
105.1252, 128.7270

■ 12.0750, 12.4669,
17.1596

128.6436,
134.1946, 162.8481

■ 6.8673, 7.0625,
10.1852

161.1255,
168.1822, 202.5215

■ 3.4249, 3.5012,
5.4147

198.6608,
207.4725, 248.1656

■ 1.3822, 1.3987,
2.4296

241.6149,

■ 0.2435, 0.2157,

252.4499, 300.1991

0.8025

290.3530,
303.4988, 359.0405

■ 0.0000, 0.0000,
0.0000

■ 41.9426, 43.5829,
55.4919

■ 41.9426, 43.5829,
55.4919

■ 35.2546, 35.9887,
54.3792

■ 49.5641, 52.1481,
56.7441

■ 29.4599, 29.3253,
53.3985

■ 58.1493, 61.7115,
58.1376

■ 24.5210, 23.5581,
52.5456

■ 67.7321, 72.3062,
59.6775

■ 20.3966, 18.6478,
51.8152

■ 78.3435, 83.9620,
61.3680

■ 17.0414, 14.5525,
51.2016

■ 85.2626, 94.2587,
62.9908

■ 14.4058, 11.2262,
50.6984

■ 86.4041, 96.5416,
63.3713

■ 12.4340, 8.6183,
50.2990

■ 11.0613, 6.6716,
49.9956

■ 10.1747, 5.3010,
49.7778

Harmonies

Analogous

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



40.5468, 43.5829, 55.1795



41.9426, 43.5829, 55.4919



43.2276, 43.5829, 53.5608

Triad

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



41.9426, 43.5829, 55.4919



43.5049, 43.5829, 42.5429



38.9138, 43.5829, 44.9683

Complementary

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



41.9426, 43.5829, 55.4919



46.7028, 49.5954, 46.1421

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.



39.6718, 43.5829, 41.8306



41.9426, 43.5829, 55.4919



42.3142, 43.5829, 40.4861

Square

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



41.9426, 43.5829, 55.4919



44.1431, 43.5829, 45.9913



40.9102, 43.5829, 40.2330



38.8194, 43.5829, 48.9482

Rectangle

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



41.9426, 43.5829, 55.4919



43.8403, 43.5829, 51.3218



40.9102, 43.5829, 40.2330



39.0986, 43.5829, 43.7863

Sweetspot

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



41.9439, 43.5847, 55.4929



84.3551, 88.4526, 100.9062



44.6020, 49.6159, 54.1750



18.2755, 19.1449, 22.1174



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.



41.9439, 43.5847, 55.4929



72.2911, 74.8598, 98.9184



42.3763, 42.6598, 55.2915



9.1750, 9.5424, 12.0305



6.7325, 3.5766, 32.7284



0.3120, 0.2368, 1.2981

Inverse Universe

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



44.0759, 43.7170, 47.1915



76.9104, 75.1861, 80.9231



46.2346, 50.6320, 46.3668



9.6102, 9.5684, 10.3363



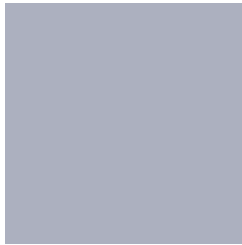
14.3990, 7.3908, 2.1288



0.5884, 0.2993, 0.2118

Previews

White Background



This preview shows how the XYZ color 41.9426, 43.5829, 55.4919 looks on a white background.

Color Contrast Check

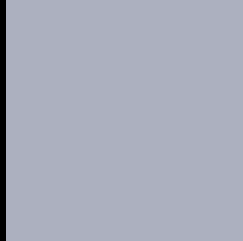
Large Text (above 18pt) WCAG AA × Fail

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 41.9426, 43.5829, 55.4919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

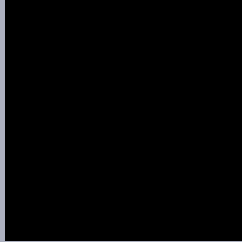
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9426, 43.5829, 55.4919

Background



This preview shows how black text looks on a background with the XYZ color 41.9426, 43.5829, 55.4919.

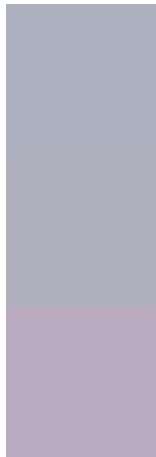


This preview shows how white text looks on a background with the XYZ color 41.9426, 43.5829,

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

41.9426, 43.5829, 55.4919

Protanopia

42.3034, 43.4916, 54.8803

Deuteranopia

44.3270, 43.3707, 55.9043



Tritanopia

41.8329, 43.5390, 54.9142

Trichromacy



Original Color

41.9426, 43.5829, 55.4919

Protanomaly

42.0798, 43.3763, 54.8698

Deuteranomaly

43.5141, 43.5167, 55.9753

Tritanomaly

41.8329, 43.5390, 54.9142

Monochromacy



Original Color

41.9426, 43.5829, 55.4919

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.8448, 43.9356, 50.5309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9426, 43.5829, 55.4919 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(172, 176, 191)` looks like.

```
.text, #text, p{  
    color:rgb(172, 176, 191)  
}
```

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(172, 176, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 176, 191) }
```

Border

The CSS property to change the border of an element to XYZ 41.9426, 43.5829, 55.4919 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(172, 176, 191) }
```


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

```
.border{ border-color:rgb(172, 176, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 176, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 176, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 176, 191);  
box-shadow:4px 4px 4px 4px rgb(172, 176,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9426, 43.5829, 55.4919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 176, 191) }
```

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

```
.background{ background-color: rgb(172,  
176, 191) }
```

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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