

Converting Colors

XYZ(40.9439, 43.9823, 55.0467)

Have a look what the booklet for
XYZ(40.9439, 43.9823, 55.0467)
contains.

XYZ(40.9314, 43.9572, 55.0425)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.9314, 43.9572,
55.0425)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B3BE
RGB	165, 179, 190
RGB Percent	65%, 70%, 75%
CMY	0.3529, 0.2980, 0.2549
CMYK	0.13, 0.06, 0.00, 0.25
HSL	206°, 16%, 70%
HSV	206°, 13%, 75%
XYZ	40.9314, 43.9572, 55.0425
YIQ	176.0680, -11.8750, 0.4530

Conversions

Conversions Part 2

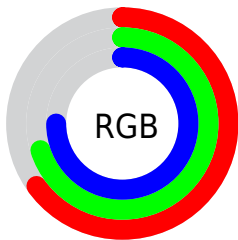
Format	Color
RYB	165, 174, 190
Decimal	10859454
CIELab	72.20, -2.59, -7.25
CIELCh	72, 7.702, 250.339
Yxy	43.9572, 0.2925, 0.3141
Android (android.graphics.Color)	4289049534 (0xFFA5B3BE)
YUV	176.0680, 6.8685, -9.7066
Hunter-Lab	66.3002, -5.8258, -2.8124

Details

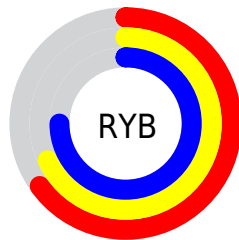
The XYZ color **40.9314, 43.9572, 55.0425** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.5524, 44.7143, 41.9334**, and the grayscale version is **41.2731, 43.4225, 47.2871**.

A 20% lighter version of the original color is **75.8581, 81.2861, 98.8804**, and **18.7863, 20.2386, 26.5832** is the 20% darker color. If you saturate the color by 10%, you get **35.6448, 38.8210, 54.3304**, and if you desaturate by 10%, it is **46.9093, 49.6028, 55.8178**.

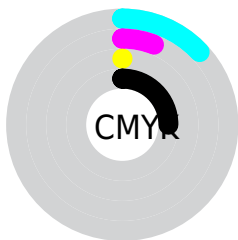
Distribution



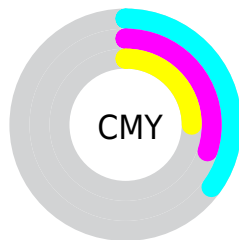
- Red (65%)
- Green (70%)
- Blue (75%)



- Red (65%)
- Yellow (68%)
- Blue (75%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9314, 43.9572, 55.0425 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 40.9314, 43.9572, 55.0425 by changing the saturation by 10% instead.

■ 40.9314, 43.9572,
55.0425

■ 40.9314, 43.9572,
55.0425

341.1013,
362.5336, 423.3595

■ 28.4529, 30.6369,
39.0369

■ 75.8551, 81.1533,
99.0750

■ 18.8095, 20.3225,
26.4804

■ 99.0311, 105.7979,
127.9390

■ 11.6359, 12.6297,
16.9544

126.5035,
134.9861, 161.9262

■ 6.5667, 7.1740,
10.0404

158.6379,
169.1021, 201.4552

■ 3.2365, 3.5712,
5.3198

195.7995,
208.5305, 246.9445

■ 1.2801, 1.4367,
2.3741

238.3537,

■ 0.1682, 0.2435,

253.6556, 298.8126

0.7723

286.6658,
304.8618, 357.4781

■ 0.0000, 0.0000,
0.0000

■ 40.9314, 43.9572,
55.0425

■ 40.9314, 43.9572,
55.0425

■ 35.6448, 38.8210,
54.3304

■ 46.9093, 49.6028,
55.8178

■ 31.0180, 34.1719,
53.6769

■ 53.6005, 55.7684,
56.6552

■ 27.0228, 29.9938,
53.0811

■ 61.0308, 62.4708,
57.5573

■ 23.6272, 26.2674,
52.5407

■ 69.2236, 69.7246,
58.5256

■ 20.7962, 22.9717,
52.0538

■ 76.3368, 76.5825,
59.4744

■ 18.4908, 20.0838,
51.6179

■ 78.5962, 81.1013,
60.2276

■ 16.6664, 17.5775,
51.2303

■ 80.9669, 85.8428,
61.0178

■ 15.2698, 15.4221,
50.8879

■ 83.4506, 90.8101,
61.8457

■ 14.4917, 14.1124,
50.6761

■ 86.0486, 96.0062,
62.7117

Harmonies

Analogous

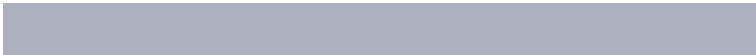
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.8741, 43.9572, 52.7256



40.9314, 43.9572, 55.0425



42.2374, 43.9572, 55.3790

Triad

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



40.9314, 43.9572, 55.0425



44.3283, 43.9572, 46.5685



40.1577, 43.9572, 42.5297

Complementary

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



40.9314, 43.9572, 55.0425



43.5524, 44.7143, 41.9334

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.



41.3259, 43.9572, 41.0579



40.9314, 43.9572, 55.0425



43.7457, 43.9572, 43.3069

Square

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



40.9314, 43.9572, 55.0425



44.2173, 43.9572, 50.3508



42.6402, 43.9572, 41.3347



39.4340, 43.9572, 45.4564

Rectangle

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



40.9314, 43.9572, 55.0425



43.0759, 43.9572, 54.4171



42.6402, 43.9572, 41.3347



40.5104, 43.9572, 41.8555

Sweetspot

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



40.9327, 43.9590, 55.0435



83.9700, 88.9199, 101.0167



41.7513, 47.9550, 48.0444



18.2498, 19.3490, 22.1582



92.9021, 97.7402, 106.4391



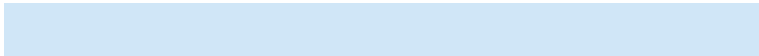
19.4759, 20.4902, 22.3138

Same Dimension

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



40.9327, 43.9590, 55.0435



71.0717, 76.6746, 99.3329



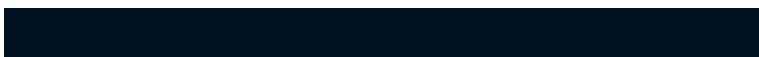
38.5699, 39.2334, 54.2559



9.4477, 10.0878, 12.1214



9.7153, 9.5423, 33.7227



0.4447, 0.5021, 1.3423

Inverse Universe

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



42.8280, 41.1130, 48.3282



75.2567, 70.5493, 84.4699



46.0820, 49.7736, 42.7766



9.7478, 9.6234, 11.0612



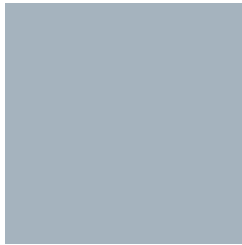
15.9046, 7.9930, 10.0572



0.6554, 0.3260, 0.5644

Previews

White Background



This preview shows how the XYZ color 40.9314, 43.9572, 55.0425 looks on a white background.

Color Contrast Check

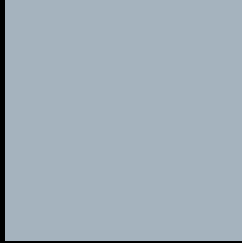
Large Text (above 18pt) WCAG AA × Fail

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 40.9314, 43.9572, 55.0425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

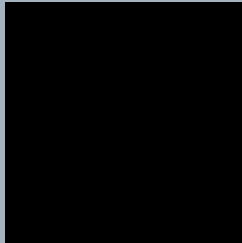
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9314, 43.9572, 55.0425

Background



This preview shows how black text looks on a background with the XYZ color 40.9314, 43.9572, 55.0425.



This preview shows how white text looks on a background with the XYZ color 40.9314, 43.9572,

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

40.9314, 43.9572, 55.0425

Protanopia

42.7339, 44.0286, 53.8230

Deuteranopia

44.6500, 43.8314, 55.3972



Tritanopia

41.2628, 44.0898, 56.7875

Trichromacy



Original Color

40.9314, 43.9572, 55.0425

Protanomaly

42.1410, 44.0026, 54.4164

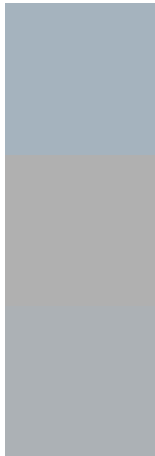
Deuteranomaly

43.3243, 44.0052, 55.5006

Tritanomaly

41.1516, 44.0453, 56.2018

Monochromacy



Original Color

40.9314, 43.9572, 55.0425

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.0759, 43.5511, 49.9573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9314, 43.9572, 55.0425 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(165, 179, 190)` looks like.

```
.text, #text, p{  
    color:rgb(165, 179, 190)  
}
```

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(165, 179, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 179, 190) }
```

Border

The CSS property to change the border of an element to XYZ 40.9314, 43.9572, 55.0425 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(165, 179, 190) }
```


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

```
.border{ border-color:rgb(165, 179, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 179, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 179, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 179, 190);  
box-shadow:4px 4px 4px 4px rgb(165, 179,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9314, 43.9572, 55.0425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 179, 190) }
```

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

```
.background{ background-color: rgb(165,  
179, 190) }
```

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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