

Converting Colors

XYZ(41.0638, 43.7394, 55.3613)

Have a look what the booklet for
XYZ(41.0638, 43.7394, 55.3613)
contains.

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Color

**XYZ(41.0502, 43.7094,
55.5634)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A6B2BF |
| RGB | 166, 178, 191 |
| RGB Percent | 65%, 70%, 75% |
| CMY | 0.3490, 0.3019, 0.2510 |
| CMYK | 0.13, 0.07, 0.00, 0.25 |
| HSL | 211°, 16%, 70% |
| HSV | 211°, 13%, 75% |
| XYZ | 41.0502, 43.7094, 55.5634 |
| YIQ | 175.8940, -11.3250, 1.4990 |

Conversions

Conversions Part 2

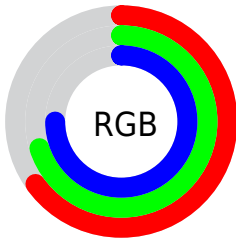
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 166, 174, 191 |
| Decimal | 10924735 |
| CIE _{Lab} | 72.03, -1.51, -8.04 |
| CIE _{LCh} | 72, 8.181, 259.358 |
| Yxy | 43.7094, 0.2925, 0.3115 |
| Android (android.graphics.Color) | 4289114815 (0xFFA6B2BF) |
| YUV | 175.8940, 7.4473, -8.6770 |
| Hunter-Lab | 66.1131, -4.8657, -3.5499 |

Details

The XYZ color **41.0502, 43.7094, 55.5634** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.4890, 46.0693, 42.6245**, and the grayscale version is **41.1793, 43.3238, 47.1797**.

A 20% lighter version of the original color is **76.0301, 80.9332, 99.6101**, and **18.8605, 20.0796, 26.9265** is the 20% darker color. If you saturate the color by 10%, you get **35.4354, 37.9883, 54.7557**, and if you desaturate by 10%, it is **47.4053, 50.0268, 56.4485**.

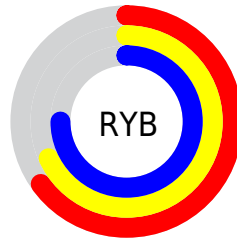
Distribution



Red (65%)

Green (70%)

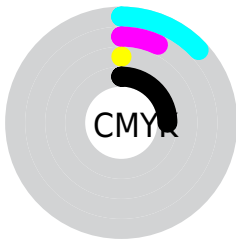
Blue (75%)



Red (65%)

Yellow (68%)

Blue (75%)

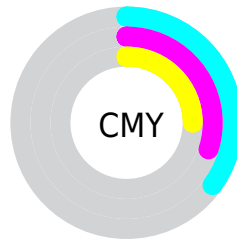


Cyan (13%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0502, 43.7094, 55.5634 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 41.0502, 43.7094, 55.5634 by changing the saturation by 10% instead.

■ 41.0502, 43.7094,
55.5634

■ 41.0502, 43.7094,
55.5634

341.5894,
361.5211, 425.3860

■ 28.5462, 30.4421,
39.4513

■ 76.0343, 80.7803,
99.8453

■ 18.8803, 20.1744,
26.8005

■ 99.2451, 105.3527,
128.8523

■ 11.6873, 12.5219,
17.1923

126.7555,
134.4622, 162.9947

■ 6.6018, 7.1002,
10.2083

158.9309,
168.4933, 202.6909

■ 3.2585, 3.5248,
5.4299

196.1366,
207.8304, 248.3597

■ 1.2919, 1.4115,
2.4385

238.7381,

■ 0.1771, 0.2252,

252.8577, 300.4194

0.8073

287.1005,
303.9599, 359.2887

■ 0.0000, 0.0000,
0.0000

■ 41.0502, 43.7094,
55.5634

■ 41.0502, 43.7094,
55.5634

■ 35.4354, 37.9883,
54.7557

■ 47.4053, 50.0268,
56.4485

■ 30.5278, 32.8385,
54.0204

■ 54.5242, 56.9535,
57.4103

■ 26.2976, 28.2411,
53.3560

■ 62.4342, 64.5088,
58.4517

■ 22.7112, 24.1741,
52.7600

■ 71.1599, 72.7096,
59.5747

■ 19.7317, 20.6135,
52.2297

■ 78.2923, 80.3179,
60.6674

■ 17.3182, 17.5331,
51.7624

■ 81.0974, 85.9283,
61.6024

■ 15.4241, 14.9034,
51.3546

■ 84.0620, 91.8575,
62.5906

■ 13.9938, 12.6903,
51.0028

■ 86.4041, 96.5416,
63.3713

■ 13.2055, 11.3645,
50.7885

Harmonies

Analogous

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



39.8187, 43.7094, 53.6738



41.0502, 43.7094, 55.5634



42.4416, 43.7094, 55.2284

Triad

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



41.0502, 43.7094, 55.5634



44.1317, 43.7094, 45.0864



39.5386, 43.7094, 42.7534

Complementary

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



41.0502, 43.7094, 55.5634



44.4890, 46.0693, 42.6245

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.



40.6601, 43.7094, 40.6943



41.0502, 43.7094, 55.5634



43.3194, 43.7094, 41.9881

Square

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



41.0502, 43.7094, 55.5634



44.2418, 43.7094, 49.0275



42.0427, 43.7094, 40.4222



38.9591, 43.7094, 46.1850

Rectangle

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



41.0502, 43.7094, 55.5634



43.2720, 43.7094, 53.7940



42.0427, 43.7094, 40.4222



39.8635, 43.7094, 41.8862

Sweetspot

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



41.0515, 43.7112, 55.5644



83.7336, 88.4473, 100.9379



42.4856, 48.6206, 49.7498



18.1885, 19.2263, 22.1377



92.9021, 97.7402, 106.4391



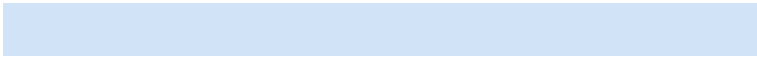
19.4759, 20.4902, 22.3138

Same Dimension

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



41.0515, 43.7112, 55.5644



70.1991, 74.9294, 99.0421



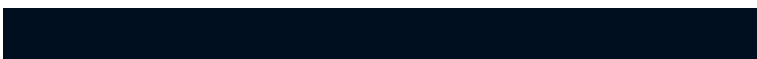
38.8542, 39.1868, 54.8069



9.3842, 9.9608, 12.1002



8.7582, 7.6280, 33.4037



0.4086, 0.4298, 1.3303

Inverse Universe

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



43.1589, 41.5640, 47.8696



74.8162, 70.3731, 82.1505



46.8956, 51.0379, 43.4567



9.7158, 9.6106, 10.8924



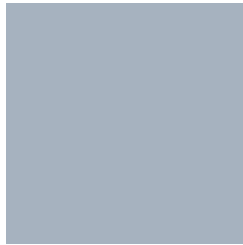
15.4215, 7.7997, 7.5131



0.6371, 0.3188, 0.4684

Previews

White Background



This preview shows how the XYZ color 41.0502, 43.7094, 55.5634 looks on a white background.

Color Contrast Check

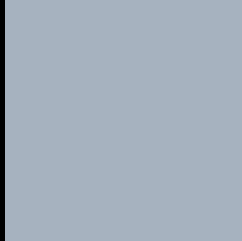
Large Text (above 18pt) WCAG AA × Fail

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 41.0502, 43.7094, 55.5634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

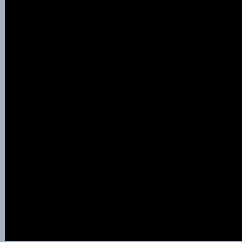
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0502, 43.7094, 55.5634

Background



This preview shows how black text looks on a background with the XYZ color 41.0502, 43.7094, 55.5634.



This preview shows how white text looks on a background with the XYZ color 41.0502, 43.7094,

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

41.0502, 43.7094, 55.5634

Protanopia

42.4198, 43.5642, 54.3171

Deuteranopia

44.3270, 43.3707, 55.9043



Tritanopia

41.1607, 43.7536, 56.1451

Trichromacy



Original Color

41.0502, 43.7094, 55.5634

Protanomaly

41.8329, 43.5390, 54.9142

Deuteranomaly

43.2409, 43.6616, 56.0177

Tritanomaly

41.1607, 43.7536, 56.1451

Monochromacy



Original Color

41.0502, 43.7094, 55.5634

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 41.0502, 43.7094, 55.5634 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(166, 178, 191)` looks like.

```
.text, #text, p{  
    color:rgb(166, 178, 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(166, 178, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 178, 191) }
```

Border

The CSS property to change the border of an element to XYZ 41.0502, 43.7094, 55.5634 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(166, 178, 191) }
```


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

```
.border{ border-color:rgb(166, 178, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 178, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 178, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 178, 191);  
box-shadow:4px 4px 4px 4px rgb(166, 178,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0502, 43.7094, 55.5634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 178, 191) }
```

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

```
.background{ background-color: rgb(166,  
178, 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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