

Converting Colors

XYZ(42.1338, 44.5593, 57.3014)

Have a look what the booklet for
XYZ(42.1338, 44.5593, 57.3014)
contains.

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Color

**XYZ(42.2199, 44.5703,
57.4166)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B3C2
RGB	169, 179, 194
RGB Percent	66%, 70%, 76%
CMY	0.3372, 0.2980, 0.2392
CMYK	0.13, 0.08, 0.00, 0.24
HSL	216°, 17%, 71%
HSV	216°, 13%, 76%
XYZ	42.2199, 44.5703, 57.4166
YIQ	177.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

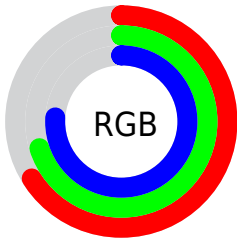
Format	Color
R _Y B	169, 176, 194
Decimal	11121602
CIE Lab	72.61, -0.43, -8.81
CIE LCh	73, 8.819, 267.207
Yxy	44.5703, 0.2928, 0.3091
Android (android.graphics.Color)	4289311682 (0xFFA9B3C2)
YUV	177.7200, 8.0260, -7.6474
Hunter-Lab	66.7610, -3.9477, -4.2586

Details

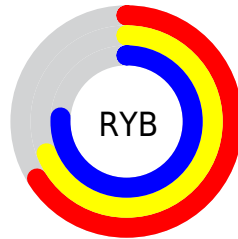
The XYZ color **42.2199, 44.5703, 57.4166** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.5502, 48.6146, 44.4671**, and the grayscale version is **42.1331, 44.3273, 48.2725**.

A 20% lighter version of the original color is **77.7041, 82.1661, 102.2067**, and **19.5306, 20.5971, 27.7572** is the 20% darker color. If you saturate the color by 10%, you get **36.1281, 38.1132, 56.4920**, and if you desaturate by 10%, it is **49.1288, 51.7433, 58.4377**.

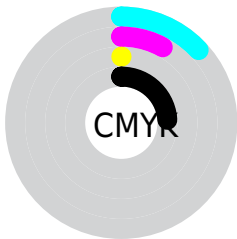
Distribution



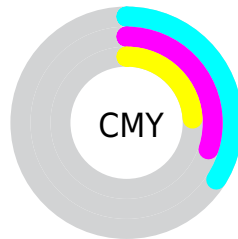
- Red (66%)
- Green (70%)
- Blue (76%)



- Red (66%)
- Yellow (69%)
- Blue (76%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (34%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2199, 44.5703, 57.4166 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 42.2199, 44.5703, 57.4166 by changing the saturation by 10% instead.

■ 42.2199, 44.5703,
57.4166

■ 42.2199, 44.5703,
57.4166

346.3698,
365.0305, 432.5459

■ 29.4654, 31.1191,
40.9282

■ 77.7954, 82.0752,
102.5792

■ 19.5792, 20.6896,
27.9437

101.3471,
106.8977, 132.0904

■ 12.1960, 12.8973,
18.0446

129.2286,
136.2795, 166.7798

■ 6.9505, 7.3578,
10.8122

161.8051,
170.6049, 207.0657

■ 3.4772, 3.6869,
5.8281

199.4422,
210.2582, 253.3667

■ 1.4108, 1.5000,
2.6738

242.5051,

■ 0.2639, 0.2887,

255.6240, 306.1014

0.9302

291.3592,
307.0867, 365.6883

■ 0.0000, 0.0000,
0.0000

■ 42.2199, 44.5703,
57.4166

■ 42.2199, 44.5703,
57.4166

■ 36.1281, 38.1132,
56.4920

■ 49.1288, 51.7433,
58.4377

■ 30.8175, 32.3427,
55.6581

■ 56.8808, 59.6490,
59.5551

■ 26.2552, 27.2355,
54.9128

■ 65.5059, 68.3106,
60.7723

■ 22.4045, 22.7651,
54.2529

■ 75.0312, 77.7487,
62.0920

■ 19.2251, 18.9024,
53.6749

■ 81.3182, 85.8360,
63.3217

■ 16.6725, 15.6161,
53.1751

■ 84.8016, 92.8028,
64.4828

■ 14.6960, 12.8709,
52.7494

■ 86.7377, 96.6751,
65.1282

■ 13.2356, 10.6265,
52.3931

■ 12.4353, 9.2902,
52.1774

Harmonies

Analogous

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



40.7932, 44.5703, 55.9424



42.2199, 44.5703, 57.4166



43.7186, 44.5703, 56.3938

Triad

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



42.2199, 44.5703, 57.4166



45.0264, 44.5703, 44.7877



39.9436, 44.5703, 44.1187

Complementary

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



42.2199, 44.5703, 57.4166



46.5502, 48.6146, 44.4671

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.



41.0352, 44.5703, 41.4325



42.2199, 44.5703, 57.4166



43.9720, 44.5703, 41.8022

Square

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



42.2199, 44.5703, 57.4166



45.3617, 44.5703, 48.9402



42.5059, 44.5703, 40.6103



39.4989, 44.5703, 48.1211

Rectangle

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



42.2199, 44.5703, 57.4166



44.5527, 44.5703, 54.4655



42.5059, 44.5703, 40.6103



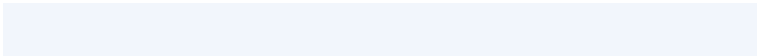
40.2457, 44.5703, 43.0412

Sweetspot

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



42.2212, 44.5722, 57.4176



87.4562, 92.1469, 105.6465



44.2628, 50.4626, 52.5268



18.9332, 19.9535, 23.1035



0.0000, 0.0000, 0.0000



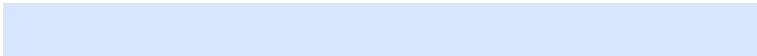
20.3446, 21.4041, 23.3091

Same Dimension

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



42.2212, 44.5722, 57.4176



73.7667, 77.8862, 103.6154



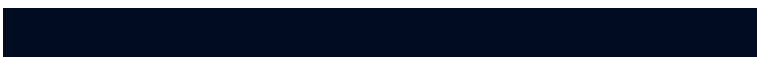
40.7391, 40.9392, 56.7945



9.8517, 10.3946, 12.7720



8.2512, 6.2590, 34.3298



0.4239, 0.4053, 1.5058

Inverse Universe

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



44.5738, 43.1009, 48.6200



78.7478, 74.8663, 84.9670



48.1711, 52.6445, 45.1595



10.2364, 10.1432, 11.3355



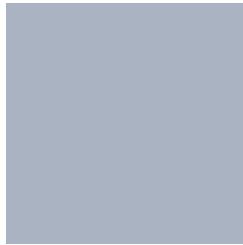
15.5608, 7.9141, 5.5993



0.7064, 0.3556, 0.4211

Previews

White Background



This preview shows how the XYZ color 42.2199, 44.5703, 57.4166 looks on a white background.

Color Contrast Check

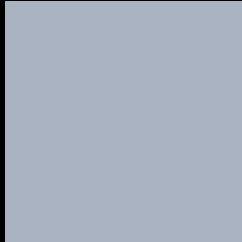
Large Text (above 18pt) WCAG AA × Fail

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 42.2199, 44.5703, 57.4166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

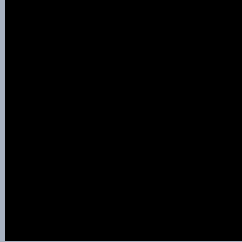
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2199, 44.5703, 57.4166

Background



This preview shows how black text looks on a background with the XYZ color 42.2199, 44.5703, 57.4166.



This preview shows how white text looks on a background with the XYZ color 42.2199, 44.5703,

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

42.2199, 44.5703, 57.4166

Protanopia

43.4792, 44.6416, 56.7772

Deuteranopia

45.2874, 44.3921, 57.8114



Tritanopia

42.1079, 44.5255, 56.8270

Trichromacy



Original Color

42.2199, 44.5703, 57.4166

Protanomaly

43.0016, 44.6897, 56.8116

Deuteranomaly

44.0027, 44.3034, 57.8620

Tritanomaly

42.1079, 44.5255, 56.8270

Monochromacy



Original Color

42.2199, 44.5703, 57.4166

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.2513, 44.4154, 51.6936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2199, 44.5703, 57.4166 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(169, 179, 194)` looks like.

```
.text, #text, p{  
    color:rgb(169, 179, 194)  
}
```

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(169, 179, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 179, 194) }
```

Border

The CSS property to change the border of an element to XYZ 42.2199, 44.5703, 57.4166 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(169, 179, 194) }
```


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

```
.border{ border-color:rgb(169, 179, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 179, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 179, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 179, 194);  
box-shadow:4px 4px 4px 4px rgb(169, 179,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2199, 44.5703, 57.4166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 179, 194) }
```

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

```
.background{ background-color: rgb(169,  
179, 194) }
```

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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