

Converting Colors

XYZ(39.8198, 42.1875, 56.9133)

Have a look what the booklet for
XYZ(39.8198, 42.1875, 56.9133)
contains.

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Color

**XYZ(39.7655, 42.1321,
57.0754)**

Conversions

Conversions Part 1

Format	Color
Hex	A1AFC2
RGB	161, 175, 194
RGB Percent	63%, 69%, 76%
CMY	0.3686, 0.3137, 0.2392
CMYK	0.17, 0.10, 0.00, 0.24
HSL	215°, 21%, 70%
HSV	215°, 17%, 76%
XYZ	39.7655, 42.1321, 57.0754
YIQ	172.9800, -14.4430, 2.9410

Conversions

Conversions Part 2

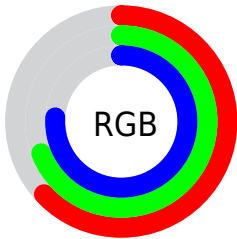
Format	Color
R _Y B	161, 171, 194
Decimal	10596290
CIE Lab	70.96, -0.88, -11.33
CIE LCh	71, 11.359, 265.582
Yxy	42.1321, 0.2861, 0.3032
Android (android.graphics.Color)	4288786370 (0xFFA1AFC2)
YUV	172.9800, 10.3629, -10.5065
Hunter-Lab	64.9092, -4.2363, -6.6979

Details

The XYZ color **39.7655, 42.1321, 57.0754** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.0026, 46.6848, 40.3582**, and the grayscale version is **39.6655, 41.7311, 45.4452**.

A 20% lighter version of the original color is **73.8710, 78.0947, 101.6228**, and **18.1233, 19.3106, 27.5831** is the 20% darker color. If you saturate the color by 10%, you get **34.0709, 36.1029, 56.2125**, and if you desaturate by 10%, it is **46.2490, 48.8371, 58.0286**.

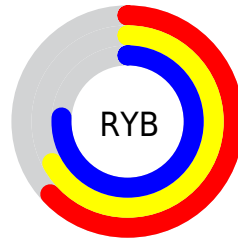
Distribution



Red (63%)

Green (69%)

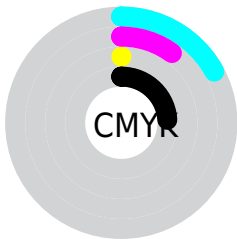
Blue (76%)



Red (63%)

Yellow (67%)

Blue (76%)

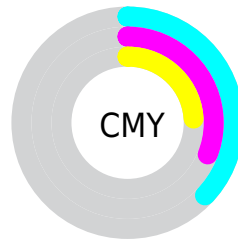


Cyan (17%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (37%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7655, 42.1321, 57.0754 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 39.7655, 42.1321, 57.0754 by changing the saturation by 10% instead.

■ 39.7655, 42.1321,
57.0754

■ 39.7655, 42.1321,
57.0754

336.2856,
355.0302, 431.2334

■ 27.5392, 29.2047,
40.6560

■ 74.0929, 78.3995,
102.0766

■ 18.1172, 19.2358,
27.7327

■ 96.9247, 102.5084,
131.4955

■ 11.1344, 11.8408,
17.8870

124.0223,
131.1132, 166.0847

■ 6.2253, 6.6353,
10.7003

155.7511,
164.5983, 206.2627

■ 3.0245, 3.2351,
5.7541

192.4765,
203.3482, 252.4480

■ 1.1667, 1.2557,
2.6298

234.5638,

■ 0.0799, 0.1065,

247.7472, 305.0592

0.9078

282.3784,
298.1798, 364.5149

■ 0.0000, 0.0000,
0.0000

■ 39.7655, 42.1321,
57.0754

■ 39.7655, 42.1321,
57.0754

■ 34.0709, 36.1029,
56.2125

■ 46.2490, 48.8371,
58.0286

■ 29.1292, 30.7211,
55.4341

■ 53.5479, 56.2345,
59.0717

■ 24.9071, 25.9642,
54.7385

■ 61.6921, 64.3468,
60.2083

■ 21.3672, 21.8058,
54.1224

■ 70.7087, 73.1937,
61.4407

■ 18.4684, 18.2175,
53.5826

■ 79.5104, 82.2204,
62.7191

■ 16.1644, 15.1679,
53.1154

■ 82.7339, 88.6675,
63.7936

■ 14.4023, 12.6216,
52.7168

■ 86.1605, 95.5205,
64.9358

■ 13.1109, 10.5336,
52.3818

■ 86.7377, 96.6751,
65.1282

■ 12.7791, 9.9778,
52.2920

Harmonies

Analogous

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



38.0225, 42.1321, 55.0248



39.7655, 42.1321, 57.0754



41.6380, 42.1321, 55.9365

Triad

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



39.7655, 42.1321, 57.0754



43.4197, 42.1321, 41.5181



37.1164, 42.1321, 40.2300

Complementary

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



39.7655, 42.1321, 57.0754



45.0026, 46.6848, 40.3582

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.



38.4937, 42.1321, 37.0982



39.7655, 42.1321, 57.0754



42.1386, 42.1321, 37.7997

Square

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



39.7655, 42.1321, 57.0754



43.7859, 42.1321, 46.6826



40.3264, 42.1321, 36.2445



36.5240, 42.1321, 45.0762

Rectangle

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



39.7655, 42.1321, 57.0754



42.7024, 42.1321, 53.5660



40.3264, 42.1321, 36.2445



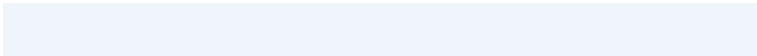
37.5008, 42.1321, 38.9573

Sweetspot

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



39.7668, 42.1338, 57.0763



86.2267, 90.9678, 105.4837



42.1981, 49.4445, 50.3404



18.6833, 19.7175, 23.0711



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.



39.7668, 42.1338, 57.0763



68.4788, 72.5886, 102.8716



37.6285, 37.1932, 56.2354



9.8718, 10.4348, 12.7787



8.4794, 6.7153, 34.4059



0.4345, 0.4265, 1.5093

Inverse Universe

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



42.7319, 40.0551, 46.0387



74.7903, 68.3503, 79.3348



47.4131, 52.3379, 41.3223



10.2466, 10.1472, 11.3890



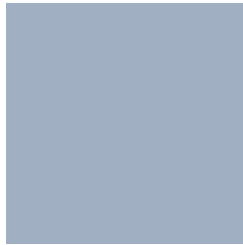
15.6760, 7.9602, 6.2058



0.7117, 0.3577, 0.4494

Previews

White Background



This preview shows how the XYZ color 39.7655, 42.1321, 57.0754 looks on a white background.

Color Contrast Check

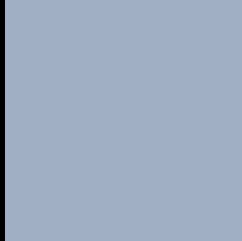
Large Text (above 18pt) WCAG AA × Fail

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 39.7655, 42.1321, 57.0754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

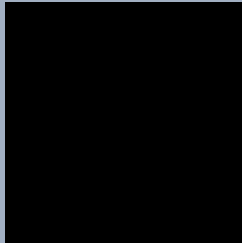
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

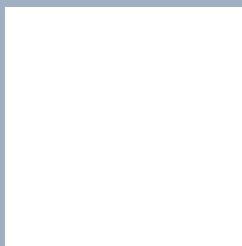
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7655, 42.1321, 57.0754

Background



This preview shows how black text looks on a background with the XYZ color 39.7655, 42.1321, 57.0754.



This preview shows how white text looks on a background with the XYZ color 39.7655, 42.1321,

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

39.7655, 42.1321, 57.0754

Protanopia

41.0615, 41.9687, 55.8058

Deuteranopia

42.8607, 42.0194, 57.4813



Tritanopia

39.3168, 42.2420, 54.7965

Trichromacy



Original Color

39.7655, 42.1321, 57.0754

Protanomaly

40.5056, 41.9529, 56.4149

Deuteranomaly

41.6468, 41.9502, 57.5319

Tritanomaly

39.4265, 42.2858, 55.3742

Monochromacy



Original Color

39.7655, 42.1321, 57.0754

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.8387, 42.0433, 49.7315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7655, 42.1321, 57.0754 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(161, 175, 194)` looks like.

```
.text, #text, p{  
    color:rgb(161, 175, 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(161, 175, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 175, 194) }
```

Border

The CSS property to change the border of an element to XYZ 39.7655, 42.1321, 57.0754 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(161, 175, 194) }
```


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

```
.border{ border-color:rgb(161, 175, 194) }
```

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

Here you see how a box with a 4 pixel rgb(161, 175, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 175, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 175, 194);  
box-shadow:4px 4px 4px 4px rgb(161, 175,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7655, 42.1321, 57.0754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 175, 194) }
```

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

```
.background{ background-color: rgb(161,  
175, 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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