

Converting Colors

XYZ(39.7634, 42.2694, 61.0963)

Have a look what the booklet for
XYZ(39.7634, 42.2694, 61.0963)
contains.

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Color

**XYZ(39.7783, 42.3356,
61.3334)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB0C9
RGB	156, 176, 201
RGB Percent	61%, 69%, 79%
CMY	0.3882, 0.3098, 0.2118
CMYK	0.22, 0.12, 0.00, 0.21
HSL	213°, 29%, 70%
HSV	213°, 22%, 79%
XYZ	39.7783, 42.3356, 61.3334
YIQ	172.8700, -19.9450, 3.5350

Conversions

Conversions Part 2

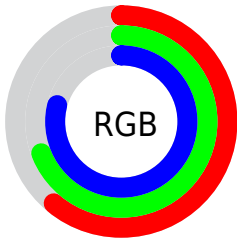
Format	Color
R _Y B	156, 170, 201
Decimal	10268873
CIE Lab	71.10, -1.44, -15.00
CIE LCh	71, 15.068, 264.526
Yxy	42.3356, 0.2773, 0.2951
Android (android.graphics.Color)	4288458953 (0xFF9CB0C9)
YUV	172.8700, 13.8681, -14.7950
Hunter-Lab	65.0658, -4.7383, -10.3428

Details

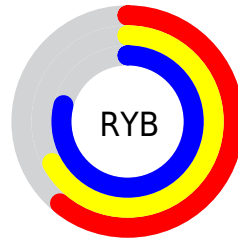
The XYZ color **39.7783, 42.3356, 61.3334** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.6126, 47.8660, 38.2360**, and the grayscale version is **39.5942, 41.6562, 45.3636**.

A 20% lighter version of the original color is **73.7706, 78.7821, 105.9261**, and **18.1830, 19.4649, 30.4025** is the 20% darker color. If you saturate the color by 10%, you get **34.1061, 36.2948, 60.4671**, and if you desaturate by 10%, it is **46.2768, 49.0718, 62.2918**.

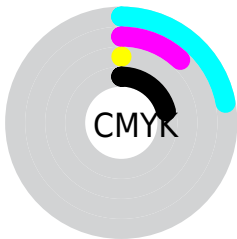
Distribution



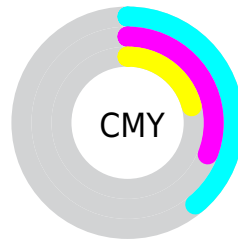
- Red (61%)
- Green (69%)
- Blue (79%)



- Red (61%)
- Yellow (67%)
- Blue (79%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (21%)



- Cyan (39%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7783, 42.3356, 61.3334 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 39.7783, 42.3356, 61.3334 by changing the saturation by 10% instead.

■ 39.7783, 42.3356,
61.3334

■ 39.7783, 42.3356,
61.3334

336.3387,
355.8722, 447.4357

■ 27.5492, 29.3642,
44.0620

■ 74.1123, 78.7073,
108.3238

■ 18.1248, 19.3565,
30.3817

■ 96.9479, 102.8763,
138.8798

■ 11.1399, 11.9281,
19.8740

124.0496,
131.5467, 174.7011

■ 6.2290, 6.6948,
12.1203

155.7829,
165.1028, 216.2062

■ 3.0268, 3.2720,
6.7021

192.5131,
203.9290, 263.8137

■ 1.1679, 1.2753,
3.2009

234.6056,

■ 0.0808, 0.1220,

248.4097, 317.9421

1.1981

282.4257,
298.9293, 379.0099

■ 0.0000, 0.0000,
0.0000

■ 39.7783, 42.3356,
61.3334

■ 39.7783, 42.3356,
61.3334

■ 34.1061, 36.2948,
60.4671

■ 46.2768, 49.0718,
62.2918

■ 29.2204, 30.9194,
59.6870

■ 53.6314, 56.5219,
63.3422

■ 25.0837, 26.1845,
58.9911

■ 61.8751, 64.7098,
64.4881

■ 21.6537, 22.0612,
58.3760

■ 71.0377, 73.6567,
65.7321

■ 18.8832, 18.5182,
57.8382

■ 80.5926, 83.0969,
67.0507

■ 16.7190, 15.5202,
57.3736

■ 83.8334, 89.5783,
68.1309

■ 15.0975, 13.0268,
56.9778

■ 87.2773, 96.4662,
69.2789

■ 14.1435, 11.4186,
56.7176

■ 87.5428, 96.9971,
69.3674

Harmonies

Analogous

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



37.4921, 42.3356, 58.3442



39.7783, 42.3356, 61.3334



42.2835, 42.3356, 59.9067

Triad

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



39.7783, 42.3356, 61.3334



44.8092, 42.3356, 40.5733



36.4208, 42.3356, 38.5038

Complementary

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



39.7783, 42.3356, 61.3334



46.6126, 47.8660, 38.2360

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.



38.2610, 42.3356, 34.5903



39.7783, 42.3356, 61.3334



43.1163, 42.3356, 35.6949

Square

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



39.7783, 42.3356, 61.3334



45.2566, 42.3356, 47.4326



40.7027, 42.3356, 33.6181



35.6062, 42.3356, 44.7852

Rectangle

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



39.7783, 42.3356, 61.3334



43.7325, 42.3356, 56.7127



40.7027, 42.3356, 33.6181



36.9361, 42.3356, 36.8950

Sweetspot

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



39.7796, 42.3373, 61.3344



85.7030, 90.6059, 107.5794



42.9128, 52.1680, 51.3904



18.1791, 19.2264, 23.0029



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.



39.7796, 42.3373, 61.3344



63.0852, 67.1759, 104.2491



36.5820, 35.2897, 60.1426



10.4382, 11.0505, 13.5003



8.9811, 7.3562, 35.6909



0.4972, 0.4922, 1.7139

Inverse Universe

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



43.8134, 39.3302, 46.3584



71.3227, 61.4379, 73.5763



50.3751, 56.2823, 39.6622



10.8265, 10.7140, 12.0695



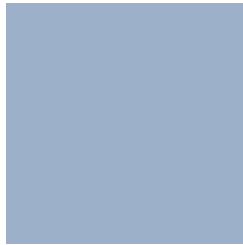
16.3326, 8.2826, 6.9613



0.8097, 0.4067, 0.5209

Previews

White Background



This preview shows how the XYZ color 39.7783, 42.3356, 61.3334 looks on a white background.

Color Contrast Check

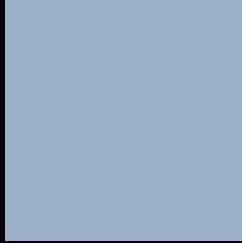
Large Text (above 18pt) WCAG AA × Fail

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 39.7783, 42.3356, 61.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

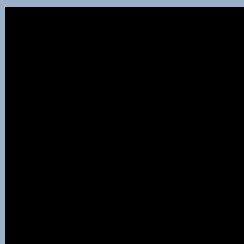
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

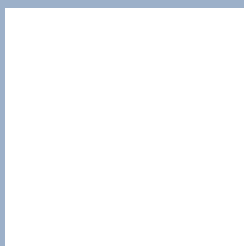
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7783, 42.3356, 61.3334

Background



This preview shows how black text looks on a background with the XYZ color 39.7783, 42.3356, 61.3334.



This preview shows how white text looks on a background with the XYZ color 39.7783, 42.3356,

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

39.7783, 42.3356, 61.3334

Protanopia

41.4235, 42.0636, 59.9687

Deuteranopia

43.1669, 42.3608, 61.7784



Tritanopia

38.7612, 42.5166, 56.0328

Trichromacy



Original Color

39.7783, 42.3356, 61.3334

Protanomaly

40.6787, 41.9498, 60.5967

Deuteranomaly

41.7754, 42.2043, 61.8216

Tritanomaly

39.0900, 42.3530, 57.7444

Monochromacy



Original Color

39.7783, 42.3356, 61.3334

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.6196, 41.9065, 50.8003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7783, 42.3356, 61.3334 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(156, 176, 201)` looks like.

```
.text, #text, p{  
    color:rgb(156, 176, 201)  
}
```

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(156, 176, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 176, 201) }
```

Border

The CSS property to change the border of an element to XYZ 39.7783, 42.3356, 61.3334 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(156, 176, 201) }
```


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

```
.border{ border-color:rgb(156, 176, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 176, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 176, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 176, 201);  
box-shadow:4px 4px 4px 4px rgb(156, 176,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7783, 42.3356, 61.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 176, 201) }
```

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

```
.background{ background-color: rgb(156,  
176, 201) }
```

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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