

Converting Colors

XYZ(39.9635, 41.4649, 55.4194)

Have a look what the booklet for
XYZ(39.9635, 41.4649, 55.4194)
contains.

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Color

**XYZ(39.8824, 41.3736,
55.1741)**

Conversions

Conversions Part 1

Format	Color
Hex	A6ACBF
RGB	166, 172, 191
RGB Percent	65%, 67%, 75%
CMY	0.3490, 0.3255, 0.2510
CMYK	0.13, 0.10, 0.00, 0.25
HSL	226°, 16%, 70%
HSV	226°, 13%, 75%
XYZ	39.8824, 41.3736, 55.1741
YIQ	172.3720, -9.6750, 4.6370

Conversions

Conversions Part 2

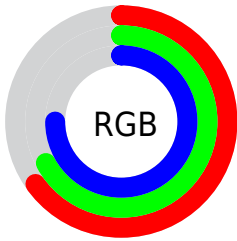
Format	Color
R_{YB}	166, 171, 191
Decimal	10923199
CIE Lab	70.44, 1.75, -10.42
CIE LCh	70, 10.566, 279.556
Yxy	41.3736, 0.2923, 0.3033
Android (android.graphics.Color)	4289113279 (0xFFA6ACBF)
YUV	172.3720, 9.1836, -5.5882
Hunter-Lab	64.3223, -1.8869, -5.8319

Details

The XYZ color **39.8824, 41.3736, 55.1741** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.7181, 48.5274, 43.0345**, and the grayscale version is **39.3605, 41.4103, 45.0959**.

A 20% lighter version of the original color is **74.0764, 77.0257, 98.9589**, and **18.2433, 18.8453, 26.7207** is the 20% darker color. If you saturate the color by 10%, you get **33.5590, 34.2354, 54.1302**, and if you desaturate by 10%, it is **47.1046, 49.4252, 56.3482**.

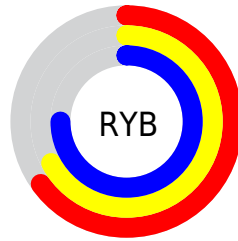
Distribution



Red (65%)

Green (67%)

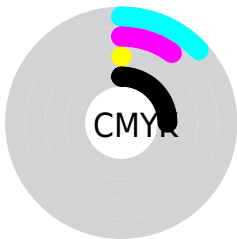
Blue (75%)



Red (65%)

Yellow (67%)

Blue (75%)

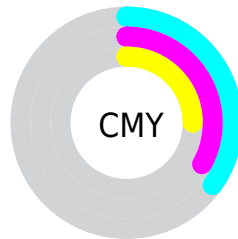


Cyan (13%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8824, 41.3736, 55.1741 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 39.8824, 41.3736, 55.1741 by changing the saturation by 10% instead.

■ 39.8824, 41.3736,
55.1741

■ 39.8824, 41.3736,
55.1741

336.7706,
351.8797, 423.8721

■ 27.6307, 28.6111,
39.1416

■ 74.2699, 77.2507,
99.2697

■ 18.1865, 18.7868,
26.5612

■ 97.1363, 101.1341,
128.1699

■ 11.1844, 11.5164,
17.0144

124.2718,
129.4933, 162.1963

■ 6.2592, 6.4153,
10.0827

156.0415,
162.7127, 201.7676

■ 3.0455, 3.0992,
5.3475

192.8109,
201.1766, 247.3023

■ 1.1779, 1.1837,
2.3903

234.9453,

■ 0.0888, 0.0484,

245.2695, 299.2189

0.7811

282.8101,
295.3757, 357.9360

■ 0.0000, 0.0000,
0.0000

■ 39.8824, 41.3736,
55.1741

■ 39.8824, 41.3736,
55.1741

■ 33.5590, 34.2354,
54.1302

■ 47.1046, 49.4252,
56.3482

■ 28.0950, 27.9728,
53.2094

■ 55.2557, 58.4162,
57.6540

■ 23.4534, 22.5526,
52.4078

■ 64.3688, 68.3778,
59.0965

■ 19.5931, 17.9377,
51.7205

■ 74.4744, 79.3383,
60.6795

■ 16.4690, 14.0880,
51.1421

■ 83.1685, 90.0705,
62.2928

■ 14.0316, 10.9598,
50.6668

■ 86.4041, 96.5416,
63.3713

■ 12.2245, 8.5043,
50.2881

■ 10.9818, 6.6662,
49.9988

■ 10.3755, 5.7044,
49.8451

Harmonies

Analogous

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



38.1672, 41.3736, 54.6371



39.8824, 41.3736, 55.1741



41.4938, 41.3736, 52.8480

Triad

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



39.8824, 41.3736, 55.1741



41.9608, 41.3736, 39.2180



36.2719, 41.3736, 41.7840

Complementary

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



39.8824, 41.3736, 55.1741



45.7181, 48.5274, 43.0345

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.



37.2319, 41.3736, 38.0574



39.8824, 41.3736, 55.1741



40.5047, 41.3736, 36.6535

Square

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



39.8824, 41.3736, 55.1741



42.7169, 41.3736, 43.4768



38.7716, 41.3736, 36.2449



36.1164, 41.3736, 46.6583

Rectangle

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



39.8824, 41.3736, 55.1741



42.2800, 41.3736, 50.0807



38.7716, 41.3736, 36.2449



36.5098, 41.3736, 40.3658

Sweetspot

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



39.8836, 41.3753, 55.1750



83.0305, 87.0411, 100.7036



43.0881, 48.8616, 52.9217



18.0063, 18.8620, 22.0770



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.



39.8836, 41.3753, 55.1750



67.6754, 69.8820, 98.2008



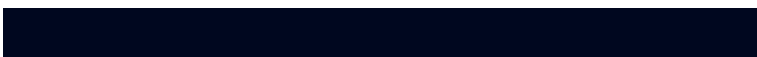
40.1092, 39.8340, 54.8656



9.1975, 9.5874, 12.0380



6.8719, 3.8555, 32.7749



0.3218, 0.2563, 1.3014

Inverse Universe

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



42.5695, 41.3284, 44.7651



73.5424, 69.8636, 75.4425



45.4618, 50.2987, 43.3899



9.6216, 9.5729, 10.3961



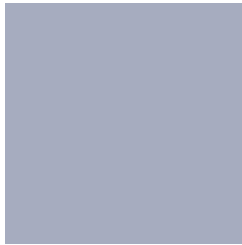
14.4694, 7.4189, 2.4994



0.5933, 0.3012, 0.2378

Previews

White Background



This preview shows how the XYZ color 39.8824, 41.3736, 55.1741 looks on a white background.

Color Contrast Check

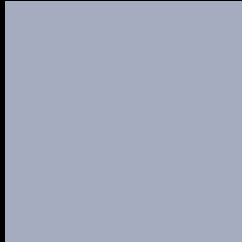
Large Text (above 18pt) WCAG AA × Fail

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 39.8824, 41.3736, 55.1741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

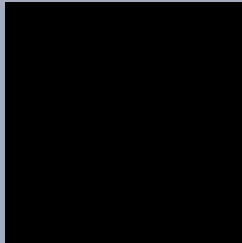
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

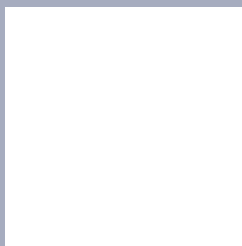
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.8824, 41.3736, 55.1741

Background



This preview shows how black text looks on a background with the XYZ color 39.8824, 41.3736, 55.1741.



This preview shows how white text looks on a background with the XYZ color 39.8824, 41.3736,

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

39.8824, 41.3736, 55.1741

Protanopia

40.4347, 41.3896, 54.5730

Deuteranopia

42.3395, 41.5143, 55.6507



Tritanopia

39.3235, 41.4316, 52.3789

Trichromacy



Original Color

39.8824, 41.3736, 55.1741

Protanomaly

40.2194, 41.2785, 54.5630

Deuteranomaly

41.3816, 41.2957, 55.6590

Tritanomaly

39.5377, 41.5173, 53.5067

Monochromacy



Original Color

39.8824, 41.3736, 55.1741

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.4668, 41.3058, 48.5405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8824, 41.3736, 55.1741 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, 172, 191)` looks like.

```
.text, #text, p{  
    color:rgb(166, 172, 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, 172, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 172, 191) }
```

Border

The CSS property to change the border of an element to XYZ 39.8824, 41.3736, 55.1741 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, 172, 191) }
```


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

```
.border{ border-color:rgb(166, 172, 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, 172, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 172, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 172, 191);  
box-shadow:4px 4px 4px 4px rgb(166, 172,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8824, 41.3736, 55.1741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 172, 191) }
```

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

```
.background{ background-color: rgb(166,  
172, 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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