

Converting Colors

XYZ(39.6735, 41.5239, 56.3760)

Have a look what the booklet for
XYZ(39.6735, 41.5239, 56.3760)
contains.

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Color

**XYZ(39.6735, 41.5239,
56.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	A3ADC1
RGB	163, 173, 193
RGB Percent	64%, 68%, 76%
CMY	0.3608, 0.3216, 0.2431
CMYK	0.16, 0.10, 0.00, 0.24
HSL	220°, 19%, 70%
HSV	220°, 16%, 76%
XYZ	39.6735, 41.5239, 56.3760
YIQ	172.2900, -12.3800, 4.1000

Conversions

Conversions Part 2

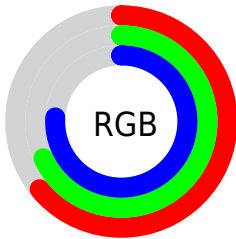
Format	Color
RYB	163, 171, 193
Decimal	10726849
CIELab	70.54, 0.65, -11.39
CIELCh	71, 11.408, 273.260
Yxy	41.5239, 0.2884, 0.3018
Android (android.graphics.Color)	4288916929 (0xFFA3ADC1)
YUV	172.2900, 10.2100, -8.1473
Hunter-Lab	64.4390, -2.8704, -6.7639

Details

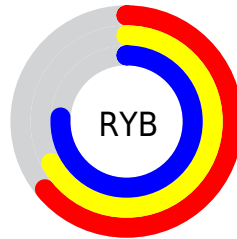
The XYZ color **39.6735, 41.5239, 56.3760** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.5371, 47.8489, 41.4870**, and the grayscale version is **39.3149, 41.3624, 45.0436**.

A 20% lighter version of the original color is **73.7557, 77.2318, 100.6424**, and **18.0531, 18.9183, 27.1262** is the 20% darker color. If you saturate the color by 10%, you get **33.6702, 34.9423, 55.4227**, and if you desaturate by 10%, it is **46.5200, 48.8950, 57.4386**.

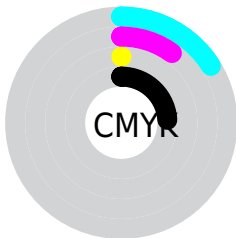
Distribution



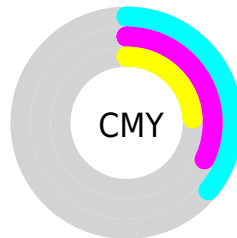
- Red (64%)
- Green (68%)
- Blue (76%)



- Red (64%)
- Yellow (67%)
- Blue (76%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (32%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6735, 41.5239, 56.3760 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 39.6735, 41.5239, 56.3760 by changing the saturation by 10% instead.

■ 39.6735, 41.5239,
56.3760

■ 39.6735, 41.5239,
56.3760

335.9036,
352.5055, 428.5350

■ 27.4671, 28.7287,
40.0984

■ 73.9536, 77.4786,
101.0454

■ 18.0628, 18.8757,
27.3009

■ 96.7580, 101.4068,
130.2743

■ 11.0950, 11.5805,
17.5649

123.8259,
129.8148, 164.6574

■ 6.1985, 6.4587,
10.4719

155.5225,
163.0870, 204.6133

■ 3.0080, 3.1260,
5.6033

192.2132,
201.6078, 250.5605

■ 1.1580, 1.1978,
2.5405

234.2634,

■ 0.0728, 0.0599,

245.7615, 302.9174

0.8615

282.0384,
295.9326, 362.1028

■ 0.0000, 0.0000,
0.0000

■ 39.6735, 41.5239,
56.3760

■ 39.6735, 41.5239,
56.3760

■ 33.6702, 34.9423,
55.4227

■ 46.5200, 48.8950,
57.4386

■ 28.4723, 29.1177,
54.5724

■ 54.2379, 57.0764,
58.6110

■ 24.0449, 24.0227,
53.8223

■ 62.8586, 66.0946,
59.8973

■ 20.3486, 19.6261,
53.1685

■ 72.4108, 75.9732,
61.3006

■ 17.3406, 15.8943,
52.6067

■ 81.2460, 85.8708,
62.7454

■ 14.9730, 12.7906,
52.1324

■ 85.1126, 93.6040,
64.0342

■ 13.1910, 10.2739,
51.7406

■ 86.6258, 96.6303,
64.5386

■ 11.9286, 8.2960,
51.4254

■ 11.4787, 7.5562,
51.3063

Harmonies

Analogous

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



37.8604, 41.5239, 55.1202



39.6735, 41.5239, 56.3760



41.4866, 41.5239, 54.4499

Triad

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



39.6735, 41.5239, 56.3760



42.5731, 41.5239, 39.7603



36.3211, 41.5239, 40.7053

Complementary

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



39.6735, 41.5239, 56.3760



45.5371, 47.8489, 41.4870

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.



37.5145, 41.5239, 37.0838



39.6735, 41.5239, 56.3760



41.1189, 41.5239, 36.5694

Square

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



39.6735, 41.5239, 56.3760



43.1937, 41.5239, 44.6253



39.2617, 41.5239, 35.6294



35.9614, 41.5239, 45.8048

Rectangle

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



39.6735, 41.5239, 56.3760



42.4405, 41.5239, 51.7036



39.2617, 41.5239, 35.6294



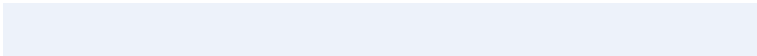
36.6361, 41.5239, 39.2887

Sweetspot

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



39.6747, 41.5256, 56.3769



83.9246, 88.2192, 102.9650



42.6704, 49.3254, 51.8000



17.8064, 18.7143, 22.0590



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.



39.6747, 41.5256, 56.3769



66.8463, 69.7830, 100.3066



38.7660, 38.3157, 55.8053



9.7966, 10.2844, 12.7536



7.7010, 5.1584, 34.1464



0.3969, 0.3512, 1.4968

Inverse Universe

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



42.6334, 40.5500, 45.1169



73.2950, 67.8185, 75.7278



46.5440, 51.5400, 42.1464



10.2086, 10.1321, 11.1891



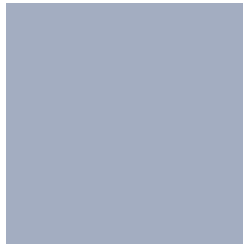
15.2831, 7.8030, 4.1367



0.6927, 0.3501, 0.3493

Previews

White Background



This preview shows how the XYZ color 39.6735, 41.5239, 56.3760 looks on a white background.

Color Contrast Check

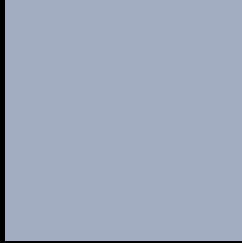
Large Text (above 18pt) WCAG AA × Fail

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 39.6735, 41.5239, 56.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

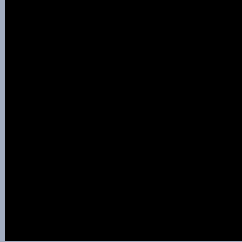
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6735, 41.5239, 56.3760

Background



This preview shows how black text looks on a background with the XYZ color 39.6735, 41.5239, 56.3760.



This preview shows how white text looks on a background with the XYZ color 39.6735, 41.5239,

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

39.6735, 41.5239, 56.3760

Protanopia

40.6549, 41.4776, 55.7324

Deuteranopia

42.3306, 41.4840, 56.8151



Tritanopia

39.1134, 41.5843, 53.5420

Trichromacy



Original Color

39.6735, 41.5239, 56.3760

Protanomaly

40.2033, 41.5263, 55.7656

Deuteranomaly

41.3459, 41.5287, 56.8756

Tritanomaly

39.3306, 41.6712, 54.6856

Monochromacy



Original Color

39.6735, 41.5239, 56.3760

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.3529, 41.2354, 49.0651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6735, 41.5239, 56.3760 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(163, 173, 193)` looks like.

```
.text, #text, p{  
    color:rgb(163, 173, 193)  
}
```

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(163, 173, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 173, 193) }
```

Border

The CSS property to change the border of an element to XYZ 39.6735, 41.5239, 56.3760 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(163, 173, 193) }
```


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

```
.border{ border-color:rgb(163, 173, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 173, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 173, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 173, 193);  
box-shadow:4px 4px 4px 4px rgb(163, 173,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6735, 41.5239, 56.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 173, 193) }
```

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

```
.background{ background-color: rgb(163,  
173, 193) }
```

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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