

Converting Colors

XYZ(39.6187, 41.2787, 57.1255)

Have a look what the booklet for
XYZ(39.6187, 41.2787, 57.1255)
contains.

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Color

**XYZ(39.5944, 41.1866,
56.9019)**

Conversions

Conversions Part 1

Format	Color
Hex	A3ACC2
RGB	163, 172, 194
RGB Percent	64%, 67%, 76%
CMY	0.3608, 0.3255, 0.2392
CMYK	0.16, 0.11, 0.00, 0.24
HSL	223°, 20%, 70%
HSV	223°, 16%, 76%
XYZ	39.5944, 41.1866, 56.9019
YIQ	171.8170, -12.4260, 4.9340

Conversions

Conversions Part 2

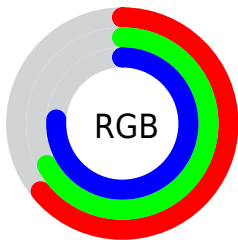
Format	Color
RYB	163, 170, 194
Decimal	10726594
CIELab	70.31, 1.41, -12.29
CIElCh	70, 12.373, 276.558
Yxy	41.1866, 0.2876, 0.2991
Android (android.graphics.Color)	4288916674 (0xFFA3ACC2)
YUV	171.8170, 10.9362, -7.7325
Hunter-Lab	64.1768, -2.1823, -7.6453

Details

The XYZ color **39.5944, 41.1866, 56.9019** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.2083, 48.8116, 41.6374**, and the grayscale version is **39.0722, 41.1069, 44.7655**.

A 20% lighter version of the original color is **73.7951, 76.8086, 102.2029**, and **18.0056, 18.7059, 27.4725** is the 20% darker color. If you saturate the color by 10%, you get **33.4373, 34.3233, 55.9023**, and if you desaturate by 10%, it is **46.6348, 48.9103, 58.0223**.

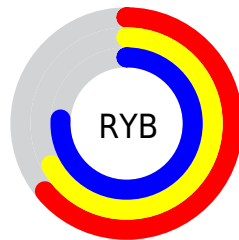
Distribution



Red (64%)

Green (67%)

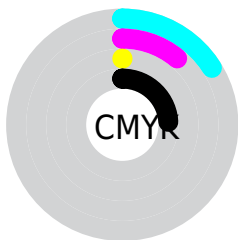
Blue (76%)



Red (64%)

Yellow (67%)

Blue (76%)

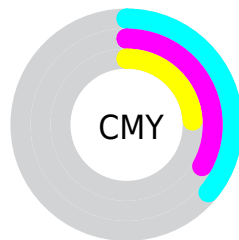


Cyan (16%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (36%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5944, 41.1866, 56.9019 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 39.5944, 41.1866, 56.9019 by changing the saturation by 10% instead.

■ 39.5944, 41.1866,
56.9019

■ 39.5944, 41.1866,
56.9019

335.5749,
351.0999, 430.5651

■ 27.4052, 28.4649,
40.5176

■ 73.8338, 76.9671,
101.8209

■ 18.0160, 18.6764,
27.6255

■ 96.6147, 100.7947,
131.1928

■ 11.0612, 11.4367,
17.8070

123.6569,
129.0930, 165.7310

■ 6.1756, 6.3614,
10.6435

155.3258,
162.2465, 205.8540

■ 2.9938, 3.0660,
5.7165

191.9866,
200.6395, 251.9803

■ 1.1505, 1.1663,
2.6075

234.0049,

■ 0.0667, 0.0339,

244.6565, 304.5286

0.8963

281.7458,
294.6819, 363.9173

■ 0.0000, 0.0000,
0.0000

■ 39.5944, 41.1866,
56.9019

■ 39.5944, 41.1866,
56.9019

■ 33.4373, 34.3233,
55.9023

■ 46.6348, 48.9103,
58.0223

■ 28.1238, 28.2846,
55.0168

■ 54.5886, 57.5185,
59.2646

■ 23.6167, 23.0395,
54.2419

■ 63.4889, 67.0404,
60.6335

■ 19.8746, 18.5532,
53.5732

■ 73.3661, 77.5026,
62.1323

■ 16.8518, 14.7879,
53.0058

■ 82.3847, 87.9691,
63.6772

■ 14.4978, 11.7022,
52.5342

■ 86.6113, 96.4223,
65.0861

■ 12.7546, 9.2499,
52.1528

■ 86.7377, 96.6751,
65.1282

■ 11.5510, 7.3766,
51.8546

■ 11.1682, 6.7560,
51.7550

Harmonies

Analogous

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



37.6132, 41.1866, 55.9113



39.5944, 41.1866, 56.9019



41.5196, 41.1866, 54.4444

Triad

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



39.5944, 41.1866, 56.9019



42.3687, 41.1866, 38.5067



35.6712, 41.1866, 40.5405

Complementary

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



39.5944, 41.1866, 56.9019



46.2083, 48.8116, 41.6374

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.



36.8659, 41.1866, 36.4463



39.5944, 41.1866, 56.9019



40.7212, 41.1866, 35.3450

Square

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



39.5944, 41.1866, 56.9019



43.1567, 41.1866, 43.5798



38.7022, 41.1866, 34.6246



35.3930, 41.1866, 46.1349

Rectangle

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



39.5944, 41.1866, 56.9019



42.4973, 41.1866, 51.2969



38.7022, 41.1866, 34.6246



35.9769, 41.1866, 38.9585

Sweetspot

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



39.5956, 41.1883, 56.9028



85.7170, 89.9485, 105.3138



43.1222, 49.8610, 53.0852



18.5567, 19.4643, 23.0289



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.



39.5956, 41.1883, 56.9028



67.8556, 70.3200, 102.4665



39.2408, 38.5476, 56.4118



9.7613, 10.2139, 12.7418



7.4048, 4.5661, 34.0477



0.3811, 0.3196, 1.4915

Inverse Universe

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



42.7927, 40.6433, 44.6211



74.7253, 69.2796, 76.0472



46.5932, 51.8946, 42.2122



10.1908, 10.1249, 11.0954



15.1336, 7.7432, 3.3494



0.6848, 0.3469, 0.3073

Previews

White Background



This preview shows how the XYZ color 39.5944, 41.1866, 56.9019 looks on a white background.

Color Contrast Check

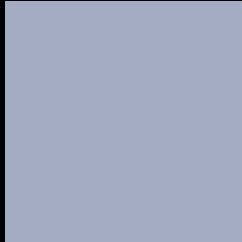
Large Text (above 18pt) WCAG AA × Fail

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 39.5944, 41.1866, 56.9019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

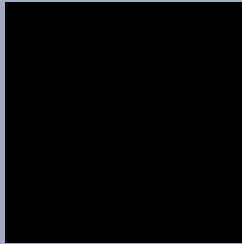
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

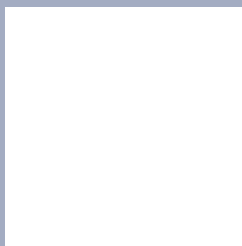
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5944, 41.1866, 56.9019

Background



This preview shows how black text looks on a background with the XYZ color 39.5944, 41.1866, 56.9019.



This preview shows how white text looks on a background with the XYZ color 39.5944, 41.1866,

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

39.5944, 41.1866, 56.9019

Protanopia

40.1488, 40.9245, 56.2352

Deuteranopia

41.8005, 40.9247, 57.3259



Tritanopia

38.8135, 41.1564, 52.9120

Trichromacy



Original Color

39.5944, 41.1866, 56.9019

Protanomaly

39.9144, 41.0831, 56.2782

Deuteranomaly

41.0516, 41.0867, 57.3966

Tritanomaly

39.1381, 41.2862, 54.6214

Monochromacy



Original Color

39.5944, 41.1866, 56.9019

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 39.5944, 41.1866, 56.9019 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, 172, 194)` looks like.

```
.text, #text, p{  
    color:rgb(163, 172, 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(163, 172, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 172, 194) }
```

Border

The CSS property to change the border of an element to XYZ 39.5944, 41.1866, 56.9019 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, 172, 194) }
```


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

```
.border{ border-color:rgb(163, 172, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 172, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 172, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 172, 194);  
box-shadow:4px 4px 4px 4px rgb(163, 172,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5944, 41.1866, 56.9019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 172, 194) }
```

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

```
.background{ background-color: rgb(163,  
172, 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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