

Converting Colors

XYZ(39.9779, 43.4132, 56.3449)

Have a look what the booklet for
XYZ(39.9779, 43.4132, 56.3449)
contains.

XYZ(39.9326, 43.4169, 56.1448)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.9326, 43.4169,
56.1448)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB3C0
RGB	159, 179, 192
RGB Percent	62%, 70%, 75%
CMY	0.3765, 0.2980, 0.2471
CMYK	0.17, 0.07, 0.00, 0.25
HSL	204°, 21%, 69%
HSV	204°, 17%, 75%
XYZ	39.9326, 43.4169, 56.1448
YIQ	174.5020, -16.0930, -0.1970

Conversions

Conversions Part 2

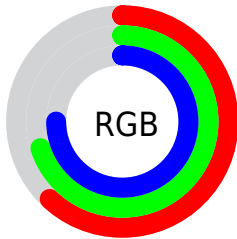
Format	Color
RYB	159, 171, 192
Decimal	10466240
CIELab	71.84, -4.12, -8.94
CIELCh	72, 9.841, 245.225
Yxy	43.4169, 0.2863, 0.3112
Android (android.graphics.Color)	4288656320 (0xFF9FB3C0)
YUV	174.5020, 8.6265, -13.5953
Hunter-Lab	65.8915, -7.1328, -4.3957

Details

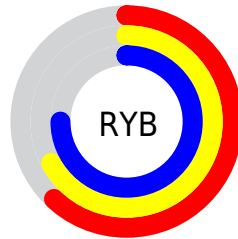
The XYZ color **39.9326, 43.4169, 56.1448** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7491, 43.2147, 38.8899**, and the grayscale version is **40.4543, 42.5611, 46.3490**.

A 20% lighter version of the original color is **74.3832, 80.4901, 100.4227**, and **18.1845, 19.9116, 27.3110** is the 20% darker color. If you saturate the color by 10%, you get **34.9429, 38.6570, 55.4897**, and if you desaturate by 10%, it is **45.5995, 48.6516, 56.8572**.

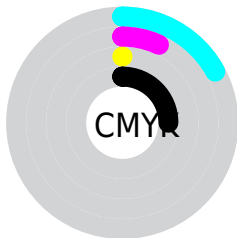
Distribution



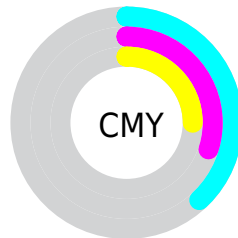
- Red (62%)
- Green (70%)
- Blue (75%)



- Red (62%)
- Yellow (67%)
- Blue (75%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (38%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9326, 43.4169, 56.1448 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 39.9326, 43.4169, 56.1448 by changing the saturation by 10% instead.

■ 39.9326, 43.4169,
56.1448

■ 39.9326, 43.4169,
56.1448

336.9787,
360.3235, 427.6406

■ 27.6700, 30.2124,
39.9143

■ 74.3459, 80.3396,
100.7042

■ 18.2162, 19.9998,
27.1584

■ 97.2272, 104.8265,
129.8701

■ 11.2060, 12.3949,
17.4587

124.3788,
133.8431, 164.1848

■ 6.2738, 7.0132,
10.3967

156.1661,
167.7736, 204.0670

■ 3.0545, 3.4704,
5.5537

192.9544,
207.0025, 249.9351

■ 1.1827, 1.3820,
2.5113

235.1090,

■ 0.0926, 0.2034,

251.9142, 302.2077

0.8461

282.9953,
302.8931, 361.3034

■ 0.0000, 0.0000,
0.0000

■ 39.9326, 43.4169,
56.1448

■ 39.9326, 43.4169,
56.1448

■ 34.9429, 38.6570,
55.4897

■ 45.5995, 48.6516,
56.8572

■ 30.5979, 34.3498,
54.8874

■ 51.9664, 54.3713,
57.6257

■ 26.8682, 30.4792,
54.3368

■ 59.0598, 60.5928,
58.4527

■ 23.7204, 27.0260,
53.8362

■ 66.9037, 67.3301,
59.3397

■ 21.1178, 23.9691,
53.3834

■ 75.5199, 74.5964,
60.2881

■ 19.0188, 21.2850,
52.9759

■ 77.5118, 78.5804,
60.9521

■ 17.3752, 18.9465,
52.6111

■ 79.5943, 82.7453,
61.6462

■ 16.1203, 16.9169,
52.2855

■ 81.7683, 87.0934,
62.3709

■ 15.8036, 16.3840,
52.1994

■ 84.0351, 91.6269,
63.1265

Harmonies

Analogous

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



38.6932, 43.4169, 52.7910



39.9326, 43.4169, 56.1448



41.5602, 43.4169, 57.0580

Triad

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



39.9326, 43.4169, 56.1448



44.5547, 43.4169, 46.4393



39.4381, 43.4169, 40.1377

Complementary

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



39.9326, 43.4169, 56.1448



42.7491, 43.2147, 38.8899

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.



40.9741, 43.4169, 38.6770



39.9326, 43.4169, 56.1448



43.9514, 43.4169, 42.1547

Square

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



39.9326, 43.4169, 56.1448



44.2577, 43.4169, 51.2417



42.6297, 43.4169, 39.3899



38.4131, 43.4169, 43.5158

Rectangle

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



39.9326, 43.4169, 56.1448



42.6531, 43.4169, 56.1105



42.6297, 43.4169, 39.3899



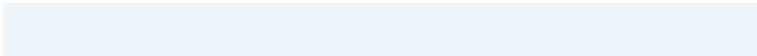
39.9102, 43.4169, 39.4170

Sweetspot

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



39.9339, 43.4187, 56.1458



84.9460, 90.2621, 103.3055



40.5613, 48.0361, 45.9886



18.0548, 19.2111, 22.1418



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.



39.9339, 43.4187, 56.1458



68.4591, 74.9892, 101.2265



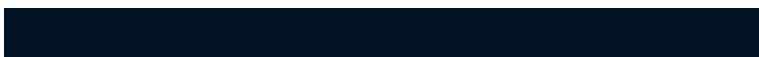
36.8839, 37.3187, 55.1291



10.0248, 10.7409, 12.8297



10.7116, 11.1798, 35.1500



0.5284, 0.6143, 1.5406

Inverse Universe

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



42.2741, 39.2584, 47.9994



73.6255, 66.0995, 83.1754



46.0123, 49.7410, 39.9776



10.3238, 10.1781, 11.7958



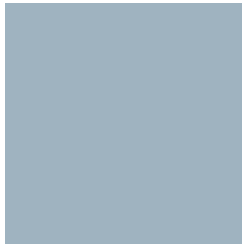
16.8027, 8.4108, 12.1390



0.7591, 0.3767, 0.6989

Previews

White Background



This preview shows how the XYZ color 39.9326, 43.4169, 56.1448 looks on a white background.

Color Contrast Check

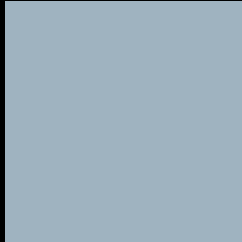
Large Text (above 18pt) WCAG AA × Fail

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 39.9326, 43.4169, 56.1448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

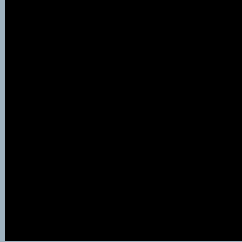
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

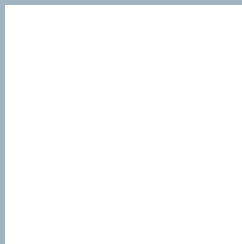
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.9326, 43.4169, 56.1448

Background



This preview shows how black text looks on a background with the XYZ color 39.9326, 43.4169, 56.1448.

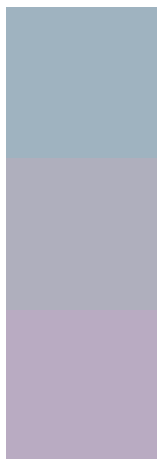


This preview shows how white text looks on a background with the XYZ color 39.9326, 43.4169,

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

39.9326, 43.4169, 56.1448

Protanopia

42.1945, 43.4480, 54.3065

Deuteranopia

44.3081, 43.3351, 57.0682



Tritanopia

40.0438, 43.4614, 56.7304

Trichromacy



Original Color

39.9326, 43.4169, 56.1448

Protanomaly

41.1818, 43.2034, 54.8838

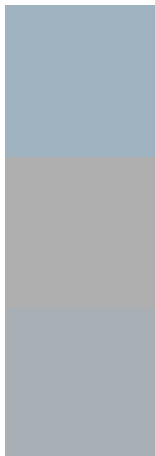
Deuteranomaly

42.6662, 43.3525, 56.5712

Tritanomaly

40.0438, 43.4614, 56.7304

Monochromacy



Original Color

39.9326, 43.4169, 56.1448

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.2280, 42.8219, 49.8613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9326, 43.4169, 56.1448 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(159, 179, 192)` looks like.

```
.text, #text, p{  
    color:rgb(159, 179, 192)  
}
```

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(159, 179, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 179, 192) }
```

Border

The CSS property to change the border of an element to XYZ 39.9326, 43.4169, 56.1448 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(159, 179, 192) }
```


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

```
.border{ border-color:rgb(159, 179, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 179, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 179, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 179, 192);  
box-shadow:4px 4px 4px 4px rgb(159, 179,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9326, 43.4169, 56.1448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 179, 192) }
```

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

```
.background{ background-color: rgb(159,  
179, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor