

Converting Colors

XYZ(35.2406, 39.2230, 52.1619)

Have a look what the booklet for
XYZ(35.2406, 39.2230, 52.1619)
contains.

XYZ(35.3081, 39.3616, 52.1910)	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(35.3081, 39.3616,
52.1910)**

Conversions

Conversions Part 1

Format	Color
Hex	90ADBA
RGB	144, 173, 186
RGB Percent	56%, 68%, 73%
CMY	0.4353, 0.3216, 0.2706
CMYK	0.23, 0.07, 0.00, 0.27
HSL	199°, 23%, 65%
HSV	199°, 23%, 73%
XYZ	35.3081, 39.3616, 52.1910
YIQ	165.8110, -21.4570, -2.1050

Conversions

Conversions Part 2

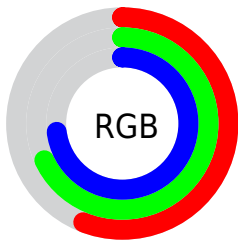
Format	Color
RYB	144, 161, 186
Decimal	9481658
CIELab	69.01, -7.00, -9.95
CIELCh	69, 12.166, 234.862
Yxy	39.3616, 0.2783, 0.3103
Android (android.graphics.Color)	4287671738 (0xFF90ADBA)
YUV	165.8110, 9.9532, -19.1282
Hunter-Lab	62.7388, -9.3369, -5.4048

Details

The XYZ color **35.3081, 39.3616, 52.1910** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3411, 36.5668, 31.4764**, and the grayscale version is **36.1161, 37.9969, 41.3787**.

A 20% lighter version of the original color is **67.0591, 73.9034, 94.7348**, and **15.5852, 17.6954, 24.7844** is the 20% darker color. If you saturate the color by 10%, you get **31.2434, 35.6636, 51.6921**, and if you desaturate by 10%, it is **39.9580, 43.4338, 52.7326**.

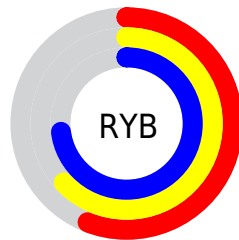
Distribution



Red (56%)

Green (68%)

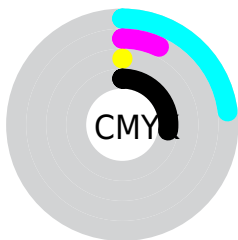
Blue (73%)



Red (56%)

Yellow (63%)

Blue (73%)

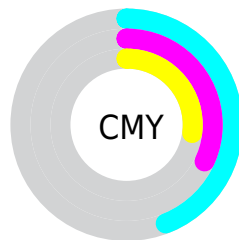


Cyan (23%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (44%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3081, 39.3616, 52.1910 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 35.3081, 39.3616, 52.1910 by changing the saturation by 10% instead.

■ 35.3081, 39.3616,
52.1910

■ 35.3081, 39.3616,
52.1910

317.4104,
343.4254, 412.1514

■ 24.0679, 27.0411,
36.7740

■ 67.2937, 74.1904,
94.8423

■ 15.5090, 17.6041,
24.7382

■ 88.7698, 97.4675,
122.9138

■ 9.2660, 10.6661,
15.6649

114.3886,
125.1657, 156.0404

■ 4.9736, 5.8428,
9.1355

144.5154,
157.6692, 194.6409

■ 2.2664, 2.7497,
4.7317

179.5157,
195.3626, 239.1337

■ 0.7774, 1.0025,
2.0347

219.7547,

■ 0.0000, 0.0000,

238.6301, 289.9374

0.5765

265.5978,
287.8563, 347.4704

■ 0.0000, 0.0000,
0.0000

■ 35.3081, 39.3616,
52.1910

■ 35.3081, 39.3616,
52.1910

■ 31.2434, 35.6636,
51.6921

■ 39.9580, 43.4338,
52.7326

■ 27.7335, 32.3204,
51.2318

■ 45.2145, 47.8893,
53.3155

■ 24.7507, 29.3178,
50.8094

■ 51.1023, 52.7424,
53.9420

■ 22.2631, 26.6384,
50.4234

■ 57.6434, 58.0056,
54.6131

■ 20.2353, 24.2629,
50.0717

■ 64.8591, 63.6904,
55.3301

■ 18.6267, 22.1697,
49.7525

■ 72.5472, 69.6936,
56.0836

■ 17.3889, 20.3326,
49.4631

■ 73.9722, 72.5435,
56.5586

■ 16.6395, 19.0982,
49.2644

■ 75.4486, 75.4963,
57.0507

■ 76.9769, 78.5530,
57.5602

Harmonies

Analogous

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



34.1319, 39.3616, 47.5034



35.3081, 39.3616, 52.1910



37.0793, 39.3616, 54.3899

Triad

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



35.3081, 39.3616, 52.1910



41.2474, 39.3616, 43.8208



35.8671, 39.3616, 33.8862

Complementary

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



35.3081, 39.3616, 52.1910



37.3411, 36.5668, 31.4764

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.



37.7467, 39.3616, 33.0836



35.3081, 39.3616, 52.1910



40.8958, 39.3616, 38.5260

Square

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



35.3081, 39.3616, 52.1910



40.5428, 39.3616, 49.2983



39.5979, 39.3616, 34.7099



34.4467, 39.3616, 37.0047

Rectangle

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



35.3081, 39.3616, 52.1910



38.3760, 39.3616, 54.0225



39.5979, 39.3616, 34.7099



36.4643, 39.3616, 33.3487

Sweetspot

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



35.3093, 39.3632, 52.1919



77.4920, 83.0500, 96.1474



35.1130, 43.4685, 38.2600



16.9383, 18.1816, 21.1592



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.3093, 39.3632, 52.1919



60.2836, 68.0013, 94.1497



31.6586, 32.0619, 50.9750



9.0258, 9.7289, 11.4816



11.2634, 12.9864, 33.1661



0.4494, 0.5624, 1.1866

Inverse Universe

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



37.7667, 33.4037, 43.9940



65.5808, 55.5780, 76.3840



41.1254, 44.1353, 32.7379



9.2594, 9.1141, 10.7134



16.2989, 8.0933, 14.7267



0.6010, 0.2959, 0.6582

Previews

White Background



This preview shows how the XYZ color 35.3081, 39.3616, 52.1910 looks on a white background.

Color Contrast Check

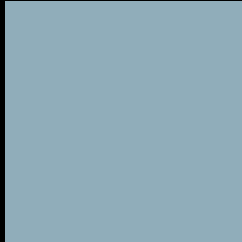
Large Text (above 18pt) WCAG AA × Fail

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 35.3081, 39.3616, 52.1910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

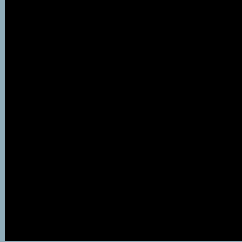
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

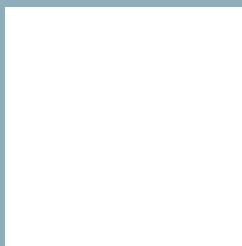
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3081, 39.3616, 52.1910

Background



This preview shows how black text looks on a background with the XYZ color 35.3081, 39.3616, 52.1910.

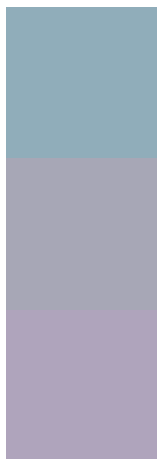


This preview shows how white text looks on a background with the XYZ color 35.3081, 39.3616,

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

35.3081, 39.3616, 52.1910

Protanopia

38.1986, 39.2303, 49.8149

Deuteranopia

40.0318, 39.2957, 53.0519



Tritanopia

35.4148, 39.4043, 52.7529

Trichromacy



Original Color

35.3081, 39.3616, 52.1910

Protanomaly

37.0333, 39.1658, 50.4076

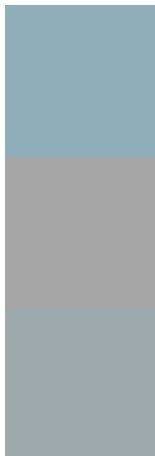
Deuteranomaly

38.0982, 39.1178, 52.5562

Tritanomaly

35.4148, 39.4043, 52.7529

Monochromacy



Original Color

35.3081, 39.3616, 52.1910

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.8313, 38.6622, 45.1092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3081, 39.3616, 52.1910 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(144, 173, 186)` looks like.

```
.text, #text, p{  
    color:rgb(144, 173, 186)  
}
```

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(144, 173, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 173, 186) }
```

Border

The CSS property to change the border of an element to XYZ 35.3081, 39.3616, 52.1910 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(144, 173, 186) }
```


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

```
.border{ border-color:rgb(144, 173, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 173, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 173, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 173, 186);  
box-shadow:4px 4px 4px 4px rgb(144, 173,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3081, 39.3616, 52.1910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 173, 186) }
```

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

```
.background{ background-color: rgb(144,  
173, 186) }
```

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