

Converting Colors

XYZ(35.0749, 39.2771, 51.7439)

Have a look what the booklet for
XYZ(35.0749, 39.2771, 51.7439)
contains.

XYZ(35.0282, 39.2296, 51.6248)	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(35.0282, 39.2296,
51.6248)**

Conversions

Conversions Part 1

Format	Color
Hex	8FADB9
RGB	143, 173, 185
RGB Percent	56%, 68%, 73%
CMY	0.4392, 0.3216, 0.2745
CMYK	0.23, 0.06, 0.00, 0.27
HSL	197°, 23%, 64%
HSV	197°, 23%, 73%
XYZ	35.0282, 39.2296, 51.6248
YIQ	165.3980, -21.7320, -2.6280

Conversions

Conversions Part 2

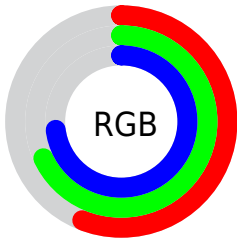
Format	Color
R_{YB}	143, 161, 185
Decimal	9416121
CIE Lab	68.92, -7.54, -9.54
CIE LCh	69, 12.166, 231.677
Yxy	39.2296, 0.2783, 0.3116
Android (android.graphics.Color)	4287606201 (0xFF8FADB9)
YUV	165.3980, 9.6638, -19.6430
Hunter-Lab	62.6335, -9.7814, -5.0255

Details

The XYZ color **35.0282, 39.2296, 51.6248** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6871, 35.7401, 30.9523**, and the grayscale version is **35.9187, 37.7893, 41.1525**.

A 20% lighter version of the original color is **66.6465, 73.7080, 93.9335**, and **15.4159, 17.6160, 24.4175** is the 20% darker color. If you saturate the color by 10%, you get **31.0928, 35.7270, 51.1568**, and if you desaturate by 10%, it is **39.5342, 43.0878, 52.1327**.

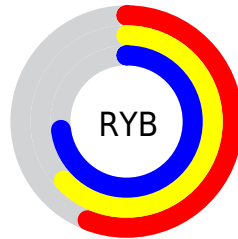
Distribution



Red (56%)

Green (68%)

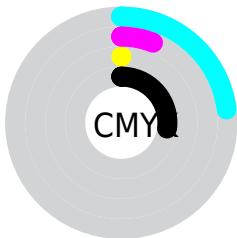
Blue (73%)



Red (56%)

Yellow (63%)

Blue (73%)

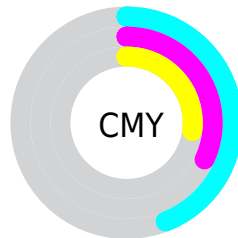


Cyan (23%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (44%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0282, 39.2296, 51.6248 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 35.0282, 39.2296, 51.6248 by changing the saturation by 10% instead.

■ 35.0282, 39.2296,
51.6248

■ 35.0282, 39.2296,
51.6248

316.1986,
342.8657, 409.9021

■ 23.8512, 26.9384,
36.3259

■ 66.8632, 73.9889,
93.9986

■ 15.3474, 17.5270,
24.3943

■ 88.2519, 97.2259,
121.9106

■ 9.1515, 10.6109,
15.4115

113.7752,
124.8801, 154.8641

■ 4.8980, 5.8058,
8.9589

143.7985,
157.3362, 193.2775

■ 2.2217, 2.7274,
4.6179

178.6872,
194.9783, 237.5695

■ 0.7541, 0.9911,
1.9701

218.8065,

■ 0.0000, 0.0000,

238.1910, 288.1586

0.5368

264.5219,
287.3587, 345.4632

■ 0.0000, 0.0000,
0.0000

■ 35.0282, 39.2296,
51.6248

■ 35.0282, 39.2296,
51.6248

■ 31.0928, 35.7270,
51.1568

■ 39.5342, 43.0878,
52.1327

■ 27.6981, 32.5610,
50.7246

■ 44.6319, 47.3103,
52.6790

■ 24.8168, 29.7179,
50.3277

■ 50.3454, 51.9110,
53.2659

■ 22.4177, 27.1807,
49.9644

■ 56.6966, 56.9019,
53.8945

■ 20.4659, 24.9309,
49.6330

■ 63.7060, 62.2944,
54.5659

■ 18.9213, 22.9469,
49.3315

■ 71.3935, 68.0991,
55.2811

■ 17.7362, 21.2036,
49.0575

■ 73.0428, 70.8544,
55.7260

■ 17.0292, 20.0472,
48.8715

■ 74.3692, 73.5071,
56.1682

■ 75.7391, 76.2469,
56.6248

Harmonies

Analogous

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



33.9370, 39.2296, 46.7696



35.0282, 39.2296, 51.6248



36.7510, 39.2296, 54.1406

Triad

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



35.0282, 39.2296, 51.6248



41.0878, 39.2296, 44.2743



35.9300, 39.2296, 33.5635

Complementary

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



35.0282, 39.2296, 51.6248



36.6871, 35.7401, 30.9523

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.



37.8273, 39.2296, 33.0207



35.0282, 39.2296, 51.6248



40.8495, 39.2296, 38.9006

Square

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



35.0282, 39.2296, 51.6248



40.2803, 39.2296, 49.6634



39.6400, 39.2296, 34.8932



34.4450, 39.2296, 36.4458

Rectangle

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



35.0282, 39.2296, 51.6248



38.0442, 39.2296, 54.0140



39.6400, 39.2296, 34.8932



36.5391, 39.2296, 33.1120

Sweetspot

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



35.0294, 39.2312, 51.6257



75.7724, 81.3123, 93.9058



34.5853, 42.9015, 37.4250



16.2184, 17.4327, 20.2317



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.0294, 39.2312, 51.6257



59.2712, 67.2104, 92.0536



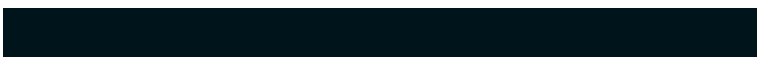
31.3298, 31.8321, 50.3925



9.0441, 9.7653, 11.4877



11.6598, 13.7793, 33.2982



0.4610, 0.5857, 1.1905

Inverse Universe

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



37.3738, 32.9772, 43.9325



64.2392, 54.3571, 75.6614



40.4719, 43.3096, 32.2138



9.2686, 9.1178, 10.7618



16.4990, 8.1734, 15.7804



0.6069, 0.2982, 0.6891

Previews

White Background



This preview shows how the XYZ color 35.0282, 39.2296, 51.6248 looks on a white background.

Color Contrast Check

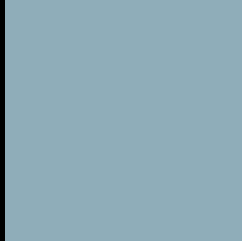
Large Text (above 18pt) WCAG AA × Fail

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 35.0282, 39.2296, 51.6248 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 35.0282, 39.2296, 51.6248

Background



This preview shows how black text looks on a background with the XYZ color 35.0282, 39.2296, 51.6248.

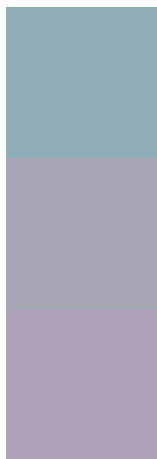


This preview shows how white text looks on a background with the XYZ color 35.0282, 39.2296,

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

35.0282, 39.2296, 51.6248

Protanopia

38.0956, 39.1891, 49.2725

Deuteranopia

39.7460, 38.8962, 52.4266



Tritanopia

35.2409, 39.3146, 52.7448

Trichromacy



Original Color

35.0282, 39.2296, 51.6248

Protanomaly

36.7320, 39.0224, 49.8521

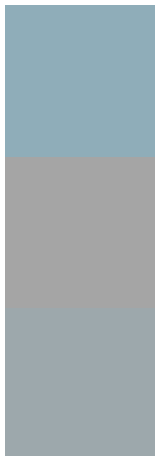
Deuteranomaly

37.7859, 38.9691, 51.9846

Tritanomaly

35.1342, 39.2720, 52.1828

Monochromacy



Original Color

35.0282, 39.2296, 51.6248

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.3537, 38.1519, 44.5304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0282, 39.2296, 51.6248 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(143, 173, 185)` looks like.

```
.text, #text, p{  
    color:rgb(143, 173, 185)  
}
```

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(143, 173, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 173, 185) }
```

Border

The CSS property to change the border of an element to XYZ 35.0282, 39.2296, 51.6248 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(143, 173, 185) }
```


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

```
.border{ border-color:rgb(143, 173, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 173, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 173, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 173, 185);  
box-shadow:4px 4px 4px 4px rgb(143, 173,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0282, 39.2296, 51.6248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 173, 185) }
```

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

```
.background{ background-color: rgb(143,  
173, 185) }
```

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