

Converting Colors

XYZ(35.2257, 39.6064, 51.1265)

Have a look what the booklet for
XYZ(35.2257, 39.6064, 51.1265)
contains.

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Color

**XYZ(35.2894, 39.6621,
51.1430)**

Conversions

Conversions Part 1

Format	Color
Hex	90AEB8
RGB	144, 174, 184
RGB Percent	56%, 68%, 72%
CMY	0.4353, 0.3176, 0.2784
CMYK	0.22, 0.05, 0.00, 0.28
HSL	195°, 22%, 64%
HSV	195°, 22%, 72%
XYZ	35.2894, 39.6621, 51.1430
YIQ	166.1700, -21.0900, -3.2500

Conversions

Conversions Part 2

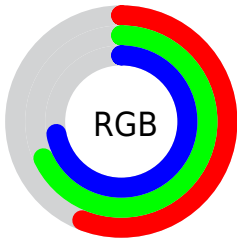
Format	Color
RYB	144, 161, 184
Decimal	9481912
CIELab	69.23, -8.00, -8.52
CIElCh	69, 11.686, 226.826
Yxy	39.6621, 0.2799, 0.3145
Android (android.graphics.Color)	4287671992 (0xFF90AEB8)
YUV	166.1700, 8.7902, -19.4431
Hunter-Lab	62.9779, -10.1894, -4.0637

Details

The XYZ color **35.2894, 39.6621, 51.1430** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.3572, 35.3153, 31.2867**, and the grayscale version is **36.2948, 38.1849, 41.5834**.

A 20% lighter version of the original color is **67.0362, 74.3357, 93.2531**, and **15.5705, 17.8849, 24.1042** is the 20% darker color. If you saturate the color by 10%, you get **31.4608, 36.3929, 50.7144**, and if you desaturate by 10%, it is **39.6746, 43.2655, 51.6080**.

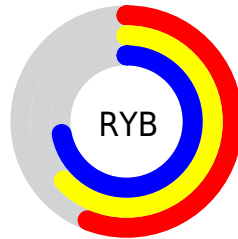
Distribution



Red (56%)

Green (68%)

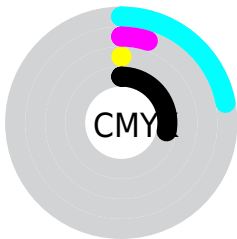
Blue (72%)



Red (56%)

Yellow (63%)

Blue (72%)

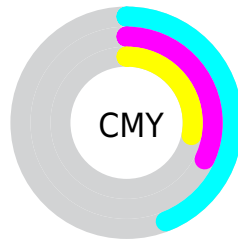


Cyan (22%)

Magenta (5%)

Yellow (0%)

Black (28%)



Cyan (44%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2894, 39.6621, 51.1430 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 35.2894, 39.6621, 51.1430 by changing the saturation by 10% instead.

■ 35.2894, 39.6621,
51.1430

■ 35.2894, 39.6621,
51.1430

317.3296,
344.6973, 407.9815

■ 24.0534, 27.2752,
35.9449

■ 67.2649, 74.6487,
93.2798

■ 15.4982, 17.7800,
24.1023

■ 88.7352, 98.0172,
121.0556

■ 9.2584, 10.7922,
15.1966

114.3476,
125.8150, 153.8610

■ 4.9685, 5.9273,
8.8093

144.4676,
158.4264, 192.1146

■ 2.2634, 2.8009,
4.5219

179.4604,
196.2360, 236.2349

■ 0.7758, 1.0287,
1.9158

219.6914,

■ 0.0000, 0.0000,

239.6281, 286.6404

0.5028

265.5260,
288.9871, 343.7498

■ 0.0000, 0.0000,
0.0000

■ 35.2894, 39.6621,
51.1430

■ 35.2894, 39.6621,
51.1430

■ 31.4608, 36.3929,
50.7144

■ 39.6746, 43.2655,
51.6080

■ 28.1596, 33.4392,
50.3183

■ 44.6367, 47.2109,
52.1080

■ 25.3593, 30.7881,
49.9542

■ 50.1995, 51.5119,
52.6450

■ 23.0294, 28.4232,
49.6205

■ 56.3841, 56.1800,
53.2201

■ 21.1361, 26.3268,
49.3156

■ 63.2108, 61.2260,
53.8343

■ 19.6406, 24.4783,
49.0377

■ 70.6988, 66.6602,
54.4885

■ 18.4970, 22.8536,
48.7843

■ 72.0106, 68.9582,
54.8629

■ 17.7419, 21.6408,
48.5900

■ 73.1354, 71.2079,
55.2379

■ 74.2930, 73.5230,
55.6237

Harmonies

Analogous

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



34.3580, 39.6621, 46.2367



35.2894, 39.6621, 51.1430



36.8837, 39.6621, 54.0137

Triad

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



35.2894, 39.6621, 51.1430



41.3100, 39.6621, 45.5762



36.6659, 39.6621, 34.0552

Complementary

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



35.2894, 39.6621, 51.1430



36.3572, 35.3153, 31.2867

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.



38.5235, 39.6621, 33.9104



35.2894, 39.6621, 51.1430



41.2470, 39.6621, 40.2711

Square

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



35.2894, 39.6621, 51.1430



40.3825, 39.6621, 50.6251



40.2130, 39.6621, 36.0991



35.1345, 39.6621, 36.5126

Rectangle

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



35.2894, 39.6621, 51.1430



38.1268, 39.6621, 54.2440



40.2130, 39.6621, 36.0991



37.2717, 39.6621, 33.7421

Sweetspot

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



35.2906, 39.6637, 51.1439



75.9442, 81.6558, 93.9631



34.4202, 42.5220, 36.6758



16.2584, 17.5128, 20.2450



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.



35.2906, 39.6637, 51.1439



60.5900, 69.0424, 92.3377



31.8201, 32.7228, 49.9871



9.0715, 9.8202, 11.4968



12.2857, 15.0311, 33.5068



0.4791, 0.6218, 1.1965

Inverse Universe

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



37.3814, 33.1938, 44.4831



65.1015, 55.4551, 77.8811



39.8095, 42.2199, 32.4375



9.2824, 9.1233, 10.8346



16.8149, 8.2997, 17.4441



0.6160, 0.3019, 0.7372

Previews

White Background



This preview shows how the XYZ color 35.2894, 39.6621, 51.1430 looks on a white background.

Color Contrast Check

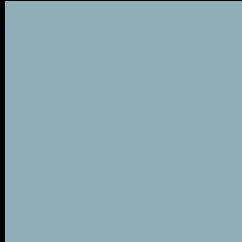
Large Text (above 18pt) WCAG AA × Fail

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 35.2894, 39.6621, 51.1430 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

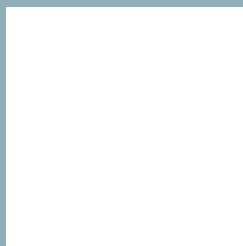
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2894, 39.6621, 51.1430

Background



This preview shows how black text looks on a background with the XYZ color 35.2894, 39.6621, 51.1430.

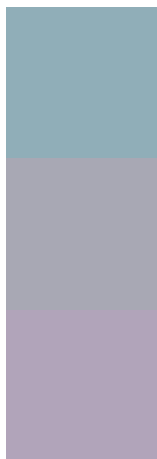


This preview shows how white text looks on a background with the XYZ color 35.2894, 39.6621,

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

35.2894, 39.6621, 51.1430

Protanopia

38.3893, 39.6254, 48.8051

Deuteranopia

40.2698, 39.4432, 51.9452



Tritanopia

35.5903, 39.4947, 52.7611

Trichromacy



Original Color

35.2894, 39.6621, 51.1430

Protanomaly

37.0133, 39.4566, 49.3811

Deuteranomaly

38.2766, 39.5074, 51.5072

Tritanomaly

35.4836, 39.4521, 52.1992

Monochromacy



Original Color

35.2894, 39.6621, 51.1430

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 35.2894, 39.6621, 51.1430 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, 174, 184)` looks like.

```
.text, #text, p{  
    color:rgb(144, 174, 184)  
}
```

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, 174, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 174, 184) }
```

Border

The CSS property to change the border of an element to XYZ 35.2894, 39.6621, 51.1430 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, 174, 184) }
```


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

```
.border{ border-color:rgb(144, 174, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 174, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 174, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 174, 184);  
box-shadow:4px 4px 4px 4px rgb(144, 174,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2894, 39.6621, 51.1430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 174, 184) }
```

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

```
.background{ background-color: rgb(144,  
174, 184) }
```

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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