

Converting Colors

XYZ(36.6938, 41.8196, 51.2105)

Have a look what the booklet for
XYZ(36.6938, 41.8196, 51.2105)
contains.

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Color

**XYZ(36.8045, 41.9039,
51.4959)**

Conversions

Conversions Part 1

Format	Color
Hex	93B3B8
RGB	147, 179, 184
RGB Percent	58%, 70%, 72%
CMY	0.4235, 0.2980, 0.2784
CMYK	0.20, 0.03, 0.00, 0.28
HSL	188°, 21%, 65%
HSV	188°, 20%, 72%
XYZ	36.8045, 41.9039, 51.4959
YIQ	170.0020, -20.6770, -5.2290

Conversions

Conversions Part 2

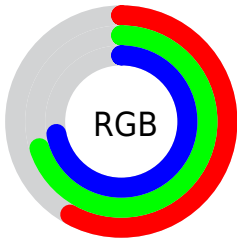
Format	Color
R_{YB}	147, 164, 184
Decimal	9679800
CIE _{Lab}	70.80, -9.72, -6.16
CIE _{LCh}	71, 11.507, 212.369
Yxy	41.9039, 0.2827, 0.3218
Android (android.graphics.Color)	4287869880 (0xFF93B3B8)
YUV	170.0020, 6.9010, -20.1728
Hunter-Lab	64.7332, -11.7958, -1.8525

Details

The XYZ color **36.8045, 41.9039, 51.4959** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.2624, 34.7537, 32.4017**, and the grayscale version is **38.1845, 40.1731, 43.7485**.

A 20% lighter version of the original color is **69.7936, 78.2645, 93.8661**, and **16.3815, 19.0472, 24.2858** is the 20% darker color. If you saturate the color by 10%, you get **33.2719, 39.3510, 51.1900**, and if you desaturate by 10%, it is **40.8763, 44.7503, 51.8314**.

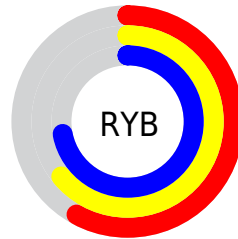
Distribution



Red (58%)

Green (70%)

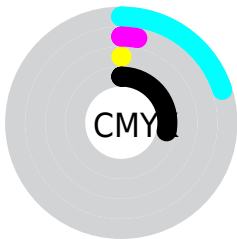
Blue (72%)



Red (58%)

Yellow (64%)

Blue (72%)

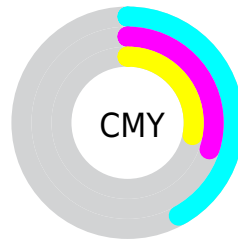


Cyan (20%)

Magenta (3%)

Yellow (0%)

Black (28%)



Cyan (42%)

Magenta (30%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8045, 41.9039, 51.4959 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 36.8045, 41.9039, 51.4959 by changing the saturation by 10% instead.

■ 36.8045, 41.9039,
51.4959

■ 36.8045, 41.9039,
51.4959

323.8336,
354.0844, 409.3888

■ 25.2291, 29.0261,
36.2240

■ 69.5878, 78.0542,
93.8064

■ 16.3775, 19.1005,
24.3161

■ 91.5264, 102.0954,
121.6820

■ 9.8842, 11.7429,
15.3539

117.6502,
130.6265, 154.5959

■ 5.3839, 6.5689,
8.9188

148.3245,
164.0319, 192.9666

■ 2.5113, 3.1940,
4.5922

183.9146,
202.6960, 237.2128

■ 0.9010, 1.2338,
1.9555

224.7859,

■ 0.0000, 0.0891,

247.0032, 287.7528

0.5277

271.3038,
297.3379, 345.0053

■ 0.0000, 0.0000,
0.0000

■ 36.8045, 41.9039,
51.4959

■ 36.8045, 41.9039,
51.4959

■ 33.2719, 39.3510,
51.1900

■ 40.8763, 44.7503,
51.8314

■ 30.2498, 37.0734,
50.9097

■ 45.5070, 47.8971,
52.1947

■ 27.7122, 35.0588,
50.6546

■ 50.7199, 51.3576,
52.5879

■ 25.6295, 33.2918,
50.4233

■ 56.5358, 55.1424,
53.0119

■ 23.9687, 31.7554,
50.2142

■ 62.9745, 59.2619,
53.4677

■ 22.6923, 30.4301,
50.0257

■ 69.1651, 63.2672,
53.9145

■ 21.7560, 29.2930,
49.8556

■ 69.7226, 64.3822,
54.1003

■ 21.0752, 28.3074,
49.7012

■ 70.2894, 65.5158,
54.2893

■ 70.8656, 66.6681,
54.4813

Harmonies

Analogous

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



36.2684, 41.9039, 46.0627



36.8045, 41.9039, 51.4959



38.1483, 41.9039, 55.6000

Triad

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



36.8045, 41.9039, 51.4959



43.1737, 41.9039, 50.6833



39.6767, 41.9039, 35.8979

Complementary

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



36.8045, 41.9039, 51.4959



36.2624, 34.7537, 32.4017

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.



41.5571, 41.9039, 36.9227



36.8045, 41.9039, 51.4959



43.6141, 41.9039, 45.1925

Square

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



36.8045, 41.9039, 51.4959



41.8284, 41.9039, 55.1051



43.0136, 41.9039, 40.2204



37.8932, 41.9039, 37.3019

Rectangle

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



36.8045, 41.9039, 51.4959



39.3424, 41.9039, 56.8727



43.0136, 41.9039, 40.2204



40.3184, 41.9039, 35.9697

Sweetspot

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



36.8057, 41.9056, 51.4968



77.3381, 83.3400, 94.2147



34.8360, 42.7497, 36.0936



16.5579, 17.8882, 20.3017



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.



36.8057, 41.9056, 51.4968



63.8523, 73.9128, 93.1058



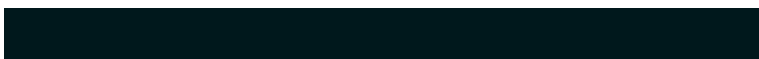
33.3546, 35.0033, 50.3465



9.1604, 9.9981, 11.5265



14.5624, 19.5844, 34.2657



0.5422, 0.7482, 1.2176

Inverse Universe

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



38.3386, 34.3135, 47.2522



67.1520, 57.8214, 83.9125



39.4906, 41.2100, 33.4777



9.3273, 9.1413, 11.0711



17.9641, 8.7594, 23.4955



0.6479, 0.3146, 0.9050

Previews

White Background



This preview shows how the XYZ color 36.8045, 41.9039, 51.4959 looks on a white background.

Color Contrast Check

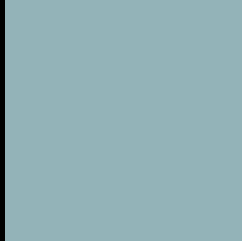
Large Text (above 18pt) WCAG AA × Fail

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 36.8045, 41.9039, 51.4959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

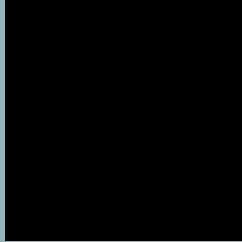
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.8045, 41.9039, 51.4959

Background



This preview shows how black text looks on a background with the XYZ color 36.8045, 41.9039, 51.4959.

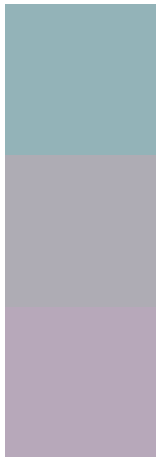


This preview shows how white text looks on a background with the XYZ color 36.8045, 41.9039,

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

36.8045, 41.9039, 51.4959

Protanopia

40.4463, 41.7990, 49.1163

Deuteranopia

42.3940, 41.6177, 52.2530



Tritanopia

37.8292, 42.0361, 55.9891

Trichromacy



Original Color

36.8045, 41.9039, 51.4959

Protanomaly

38.9803, 41.8887, 49.7469

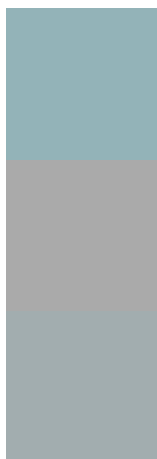
Deuteranomaly

40.0870, 41.5539, 51.8068

Tritanomaly

37.3184, 41.8108, 54.2475

Monochromacy



Original Color

36.8045, 41.9039, 51.4959

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.5817, 40.6637, 46.4255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8045, 41.9039, 51.4959 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(147, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(147, 179, 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(147, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 179, 184) }
```

Border

The CSS property to change the border of an element to XYZ 36.8045, 41.9039, 51.4959 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(147, 179, 184) }
```


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

```
.border{ border-color:rgb(147, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(147, 179,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8045, 41.9039, 51.4959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 179, 184) }
```

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

```
.background{ background-color: rgb(147,  
179, 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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