

Converting Colors

XYZ(39.2461, 43.9013, 52.0164)

Have a look what the booklet for
XYZ(39.2461, 43.9013, 52.0164)
contains.

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Color

**XYZ(39.0802, 43.6765,
51.7181)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB5B8
RGB	157, 181, 184
RGB Percent	62%, 71%, 72%
CMY	0.3843, 0.2902, 0.2784
CMYK	0.15, 0.02, 0.00, 0.28
HSL	187°, 16%, 67%
HSV	187°, 15%, 72%
XYZ	39.0802, 43.6765, 51.7181
YIQ	174.1660, -15.2670, -4.1550

Conversions

Conversions Part 2

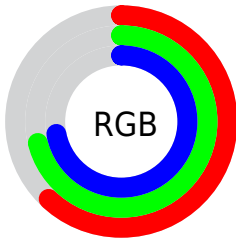
Format	Color
RYB	157, 170, 184
Decimal	10335672
CIELab	72.01, -7.56, -4.30
CIElCh	72, 8.700, 209.647
Yxy	43.6765, 0.2906, 0.3248
Android (android.graphics.Color)	4288525752 (0xFF9DB5B8)
YUV	174.1660, 4.8482, -15.0546
Hunter-Lab	66.0882, -10.1012, -0.1364

Details

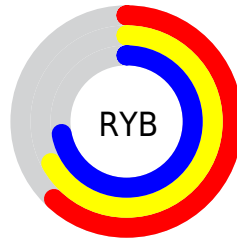
The XYZ color **39.0802, 43.6765, 51.7181** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.4241, 37.7662, 37.1635**, and the grayscale version is **40.2999, 42.3986, 46.1721**.

A 20% lighter version of the original color is **73.1637, 80.8567, 94.1888**, and **17.6416, 20.0803, 24.4188** is the 20% darker color. If you saturate the color by 10%, you get **35.3452, 41.1401, 51.4261**, and if you desaturate by 10%, it is **43.3645, 46.5075, 52.0394**.

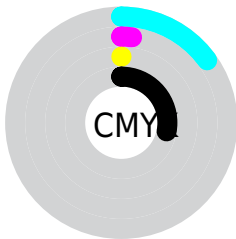
Distribution



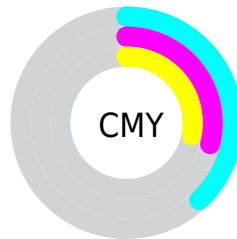
- Red (62%)
- Green (71%)
- Blue (72%)



- Red (62%)
- Yellow (67%)
- Blue (72%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (38%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0802, 43.6765, 51.7181 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 39.0802, 43.6765, 51.7181 by changing the saturation by 10% instead.

■ 39.0802, 43.6765,
51.7181

■ 39.0802, 43.6765,
51.7181

333.4326,
361.3865, 410.2733

■ 27.0031, 30.4163,
36.3997

■ 73.0541, 80.7307,
94.1377

■ 17.7122, 20.1548,
24.4509

■ 95.6817, 105.2935,
122.0760

■ 10.8420, 12.5076,
15.4532

122.5567,
134.3926, 155.0581

■ 6.0272, 7.0904,
8.9879

154.0447,
168.4124, 193.5024

■ 2.9024, 3.5187,
4.6366

190.5109,
207.7373, 237.8276

■ 1.1024, 1.4081,
1.9807

232.3208,

■ 0.0271, 0.2227,

252.7517, 288.4521

0.5434

279.8395,
303.8400, 345.7945

■ 0.0000, 0.0000,
0.0000

■ 39.0802, 43.6765,
51.7181

■ 39.0802, 43.6765,
51.7181

■ 35.3452, 41.1401,
51.4261

■ 43.3645, 46.5075,
52.0394

■ 32.1316, 38.8802,
51.1593

■ 48.2169, 49.6392,
52.3882

■ 29.4146, 36.8854,
50.9174

■ 53.6599, 53.0846,
52.7663

■ 27.1661, 35.1411,
50.6992

■ 59.7139, 56.8541,
53.1748

■ 25.3552, 33.6311,
50.5032

■ 66.3979, 60.9576,
53.6146

■ 23.9468, 32.3376,
50.3278

■ 69.0195, 62.9760,
53.8660

■ 22.9009, 31.2397,
50.1710

■ 69.4750, 63.8870,
54.0178

■ 22.1687, 30.3123,
50.0306

■ 69.9368, 64.8106,
54.1718

■ 21.8511, 29.8593,
49.9599

■ 70.4049, 65.7468,
54.3278

Harmonies

Analogous

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



38.7222, 43.6765, 47.5059



39.0802, 43.6765, 51.7181



40.0866, 43.6765, 54.9695

Triad

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



39.0802, 43.6765, 51.7181



44.0268, 43.6765, 51.8105



41.5308, 43.6765, 39.8370

Complementary

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



39.0802, 43.6765, 51.7181



38.4241, 37.7662, 37.1635

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.



42.9732, 43.6765, 40.8415



39.0802, 43.6765, 51.7181



44.4352, 43.6765, 47.6067

Square

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



39.0802, 43.6765, 51.7181



42.9420, 43.6765, 55.0250



44.0451, 43.6765, 43.6239



40.1164, 43.6765, 40.7959

Rectangle

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



39.0802, 43.6765, 51.7181



41.0020, 43.6765, 56.0649



44.0451, 43.6765, 43.6239



42.0286, 43.6765, 39.9553

Sweetspot

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



39.0815, 43.6783, 51.7191



79.1126, 84.6348, 94.3711



37.3648, 43.9774, 39.6402



16.9208, 18.1579, 20.3346



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.



39.0815, 43.6783, 51.7191



68.2755, 77.4487, 93.5552



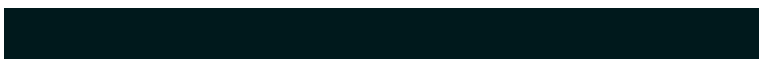
36.5228, 38.5610, 50.8662



9.1792, 10.0357, 11.5327



15.0915, 20.6427, 34.4421



0.5565, 0.7766, 1.2223

Inverse Universe

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



40.1656, 37.6414, 48.8667



70.6809, 64.1960, 87.1948



40.8357, 42.5894, 37.9673



9.3368, 9.1451, 11.1211



18.2312, 8.8662, 24.9020



0.6550, 0.3175, 0.9428

Previews

White Background



This preview shows how the XYZ color 39.0802, 43.6765, 51.7181 looks on a white background.

Color Contrast Check

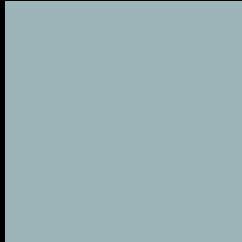
Large Text (above 18pt) WCAG AA × Fail

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 39.0802, 43.6765, 51.7181 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

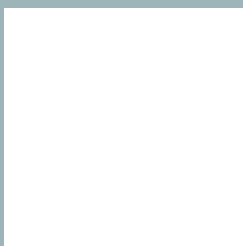
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0802, 43.6765, 51.7181

Background



This preview shows how black text looks on a background with the XYZ color 39.0802, 43.6765, 51.7181.



This preview shows how white text looks on a background with the XYZ color 39.0802, 43.6765,

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

39.0802, 43.6765, 51.7181

Protanopia

42.0306, 43.4611, 49.8896

Deuteranopia

44.4121, 43.4898, 52.5080



Tritanopia

40.1558, 43.5062, 57.3200

Trichromacy



Original Color

39.0802, 43.6765, 51.7181

Protanomaly

40.7432, 43.3677, 50.4794

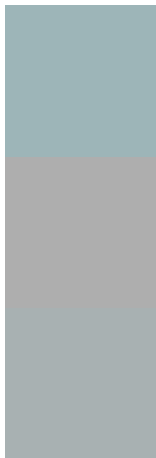
Deuteranomaly

42.2184, 43.5098, 52.0720

Tritanomaly

39.7161, 43.6293, 55.0432

Monochromacy



Original Color

39.0802, 43.6765, 51.7181

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.9065, 42.9835, 48.3128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0802, 43.6765, 51.7181 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(157, 181, 184) looks like.

```
.text, #text, p{  
    color:rgb(157, 181, 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(157, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 181, 184) }
```

Border

The CSS property to change the border of an element to XYZ 39.0802, 43.6765, 51.7181 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(157, 181, 184) }
```


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

```
.border{ border-color:rgb(157, 181, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 181, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(157, 181,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0802, 43.6765, 51.7181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 181, 184) }
```

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

```
.background{ background-color: rgb(157,  
181, 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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