

Converting Colors

XYZ(40.1330, 52.4324, 28.4260)

Have a look what the booklet for
XYZ(40.1330, 52.4324, 28.4260)
contains.

XYZ(39.9864, 52.2178, 28.3936)	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(39.9864, 52.2178,
28.3936)**

Conversions

Conversions Part 1

Format	Color
Hex	A0CC80
RGB	160, 204, 128
RGB Percent	63%, 80%, 50%
CMY	0.3725, 0.2000, 0.4980
CMYK	0.22, 0.00, 0.37, 0.20
HSL	95°, 43%, 65%
HSV	95°, 37%, 80%
XYZ	39.9864, 52.2178, 28.3936
YIQ	182.1800, -1.8280, -32.9640

Conversions

Conversions Part 2

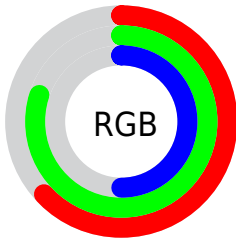
Format	Color
RYB	128, 204, 172
Decimal	10538112
CIELab	77.41, -27.98, 33.28
CIElCh	77, 43.478, 130.059
Yxy	52.2178, 0.3316, 0.4330
Android (android.graphics.Color)	4288728192 (0xFFA0CC80)
YUV	182.1800, -26.7107, -19.4519
Hunter-Lab	72.2619, -27.6846, 27.2867

Details

The XYZ color **39.9864, 52.2178, 28.3936** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.6336, 28.5701, 60.7660**, and the grayscale version is **44.7044, 47.0326, 51.2184**.

A 20% lighter version of the original color is **72.5224, 89.4963, 57.7082**, and **18.3449, 25.4886, 11.1606** is the 20% darker color. If you saturate the color by 10%, you get **36.5266, 50.5757, 21.9134**, and if you desaturate by 10%, it is **43.9432, 54.0881, 36.3084**.

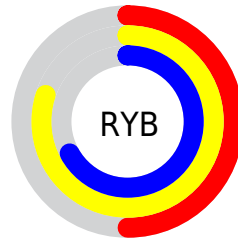
Distribution



Red (63%)

Green (80%)

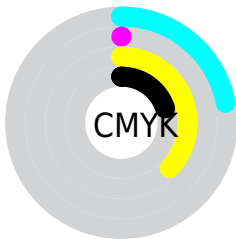
Blue (50%)



Red (50%)

Yellow (80%)

Blue (67%)

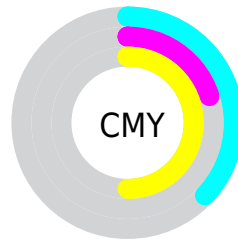


Cyan (22%)

Magenta (0%)

Yellow (37%)

Black (20%)



Cyan (37%)


Magenta (20%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9864, 52.2178, 28.3936 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 39.9864, 52.2178, 28.3936 by changing the saturation by 10% instead.


 39.9864, 52.2178,
28.3936


 39.9864, 52.2178,
28.3936


337.2016,
395.2769, 308.3138


 27.7121, 37.1787,
18.3810


 74.4273, 93.4524,
58.1429

 18.2481, 25.3459,
11.0516


 97.3246, 120.4166,
78.7166

 11.2290, 16.3349,
5.9869


 124.4936,
152.1248, 103.6477

 6.2895, 9.7615,
2.7685

156.2996,
188.9611, 133.3548

 3.0642, 5.2411,
0.9777

193.1081,
231.3101, 168.2565

 1.1878, 2.3894,
0.0000

235.2844,

 0.0967, 0.8204,

279.5561, 208.7711

0.0000

283.1938,
334.0836, 255.3174

■ 0.0000, 0.0000,
0.0000

■ 39.9864, 52.2178,
28.3936

■ 39.9864, 52.2178,
28.3936

■ 36.5266, 50.5757,
21.9134

■ 43.9432, 54.0881,
36.3084

■ 33.5373, 49.1452,
16.7784

■ 48.4140, 56.1889,
45.7331

■ 30.9954, 47.9181,
12.8944


■ 53.4196, 58.5309,
56.7421


■ 28.8736, 46.8828,
10.1538


■ 58.9785, 61.1222,
69.4036


■ 27.1409, 46.0259,
8.4307


■ 65.1083, 63.9703,
83.7821


 25.7571, 45.3305,
7.5529

 71.8256, 67.0825,
99.9383

 25.4216, 45.1611,
7.3771

 76.4959, 69.4057,
103.9726

 80.6972, 71.5716,
104.1692

 80.8839, 71.6678,
104.1780

Harmonies

Analogous

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



46.8758, 52.2178, 22.5012



39.9864, 52.2178, 28.3936



35.9996, 52.2178, 42.5536

Triad

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



39.9864, 52.2178, 28.3936



44.3475, 52.2178, 112.0561



67.2053, 52.2178, 49.1869

Complementary

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



39.9864, 52.2178, 28.3936



35.6336, 28.5701, 60.7660

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.



66.3317, 52.2178, 74.0508



39.9864, 52.2178, 28.3936



52.4930, 52.2178, 115.3142

Square

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



39.9864, 52.2178, 28.3936



38.3146, 52.2178, 91.9376



60.7147, 52.2178, 99.8830



62.9824, 52.2178, 32.0723

Rectangle

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



39.9864, 52.2178, 28.3936



35.2270, 52.2178, 56.9038



60.7147, 52.2178, 99.8830



67.5082, 52.2178, 56.8089

Sweetspot

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



39.9877, 52.2201, 28.3947



85.1337, 95.3722, 86.5585



43.3756, 43.5489, 26.5425



17.9773, 20.2991, 17.9879



0.0000, 0.0000, 0.0000



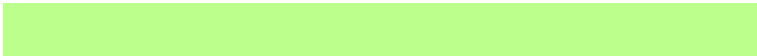
20.3446, 21.4041, 23.3091

Same Dimension

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



39.9877, 52.2201, 28.3947



61.3899, 84.1838, 37.9212



34.7347, 49.4726, 29.9337



11.5082, 12.7639, 11.9366



16.1011, 28.4757, 4.6478



0.9166, 1.5133, 0.2438

Inverse Universe

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



35.6336, 28.5701, 60.7660



53.1096, 39.2698, 99.3884



42.9241, 32.3975, 57.9858



11.2134, 11.1593, 14.1333



11.6803, 5.2289, 36.3499



0.6880, 0.3138, 1.8792

Previews

White Background



This preview shows how the XYZ color 39.9864, 52.2178, 28.3936 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 39.9864, 52.2178, 28.3936 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 39.9864, 52.2178, 28.3936

Background



This preview shows how black text looks on a background with the XYZ color 39.9864, 52.2178, 28.3936.



This preview shows how white text looks on a background with the XYZ color 39.9864, 52.2178,

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

39.9864, 52.2178, 28.3936

Protanopia

47.9381, 51.9571, 26.2410

Deuteranopia

52.6401, 51.4802, 29.3525



Tritanopia

47.9379, 52.0074, 68.4846

Trichromacy



Original Color

39.9864, 52.2178, 28.3936

Protanomaly

44.6768, 51.9077, 27.0665

Deuteranomaly

47.1388, 51.1621, 28.8635

Tritanomaly

44.5808, 52.0083, 50.8690

Monochromacy



Original Color

39.9864, 52.2178, 28.3936

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

42.3906, 48.4342, 41.2969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9864, 52.2178, 28.3936 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(160, 204, 128)` looks like.

```
.text, #text, p{  
    color:rgb(160, 204, 128)  
}
```

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(160, 204, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 204, 128) }
```

Border

The CSS property to change the border of an element to XYZ 39.9864, 52.2178, 28.3936 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(160, 204, 128) }
```


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

```
.border{ border-color:rgb(160, 204, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 204, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 204, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 204, 128);  
box-shadow:4px 4px 4px 4px rgb(160, 204,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9864, 52.2178, 28.3936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 204, 128) }
```

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

```
.background{ background-color: rgb(160,  
204, 128) }
```

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