

Converting Colors

XYZ(39.8195, 49.3436, 60.6918)

Have a look what the booklet for
XYZ(39.8195, 49.3436, 60.6918)
contains.

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Color

**XYZ(39.9028, 49.3709,
60.8525)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 84C6C6 |
| RGB | 132, 198, 198 |
| RGB Percent | 52%, 78%, 78% |
| CMY | 0.4823, 0.2235, 0.2235 |
| CMYK | 0.33, 0.00, 0.00, 0.22 |
| HSL | 180°, 37%, 65% |
| HSV | 180°, 33%, 78% |
| XYZ | 39.9028, 49.3709, 60.8525 |
| YIQ | 178.2660, -39.3360, -13.9920 |

Conversions

Conversions Part 2

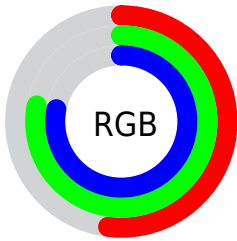
| Format | Color |
|-------------------------------------|--|
| RYB | 132, 165, 198 |
| Decimal | 8701638 |
| CIELab | 75.68, -20.79, -6.67 |
| CIELCh | 76, 21.832, 197.789 |
| Yxy | 49.3709, 0.2658, 0.3289 |
| Android (android.graphics.Color) | 4286891718 (0xFF84C6C6) |
| YUV | 178.2660, 9.7289, -40.5753 |
| Hunter-Lab | 70.2644, -21.5935, -2.1630 |

Details

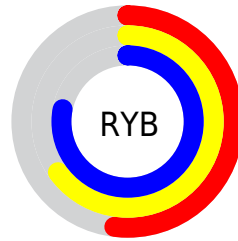
The XYZ color **39.9028, 49.3709, 60.8525** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.7065, 30.1756, 25.7741**, and the grayscale version is **42.4239, 44.6332, 48.6056**.

A 20% lighter version of the original color is **74.3035, 89.3048, 107.9291**, and **18.1492, 23.5798, 29.9804** is the 20% darker color. If you saturate the color by 10%, you get **37.0959, 47.9251, 60.7218**, and if you desaturate by 10%, it is **43.3003, 51.1236, 61.0130**.

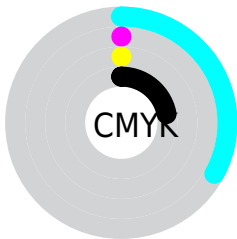
Distribution



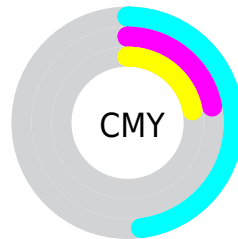
- Red (52%)
- Green (78%)
- Blue (78%)



- Red (52%)
- Yellow (65%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)





- Cyan (48%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9028, 49.3709, 60.8525 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 39.9028, 49.3709, 60.8525 by changing the saturation by 10% instead.


 39.9028, 49.3709,
60.8525


 39.9028, 49.3709,
60.8525


336.8552,
384.2006, 445.6246


 27.6466, 34.9138,
43.6764

 74.3008, 89.2421,
107.6208

 18.1986, 23.5965,
30.0808


 97.1733, 115.4249,
138.0500

 11.1932, 15.0346,
19.6474


 124.3153,
146.2852, 173.7340

 6.2652, 8.8436,
11.9575

156.0921,
182.2071, 215.0913

 3.0492, 4.6393,
6.5925

192.8692,
223.5753, 262.5405

 1.1798, 2.0372,
3.1340

235.0118,

 0.0903, 0.6290,

270.7740, 316.5001

1.1635

282.8854,
324.1877, 377.3886

■ 0.0000, 0.0000,
0.0000

■ 39.9028, 49.3709,
60.8525

■ 39.9028, 49.3709,
60.8525

■ 37.0959, 47.9251,
60.7218

■ 43.3003, 51.1236,
61.0130

■ 34.8419, 46.7631,
60.6159

■ 47.3146, 53.1930,
61.2013

■ 33.1054, 45.8680,
60.5342

■ 51.9759, 55.5960,
61.4198

■ 31.8456, 45.2185,
60.4748

■ 57.3109, 58.3463,
61.6699

■ 31.0149, 44.7903,
60.4355

■ 63.3450, 61.4569,
61.9527

■ 30.5566, 44.5540,
60.4137

■ 70.1020, 64.9403,
62.2694

■ 30.3876, 44.4669,
60.4055

■ 71.6287, 65.7273,
62.3412

■ 71.6288, 65.7274,
62.3417

■ 71.6288, 65.7274,
62.3421

Harmonies

Analogous

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



39.7272, 49.3709, 49.1816



39.9028, 49.3709, 60.8525



41.8918, 49.3709, 71.9993

Triad

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



39.9028, 49.3709, 60.8525



52.9249, 49.3709, 70.1531



48.5899, 49.3709, 34.7932

Complementary

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



39.9028, 49.3709, 60.8525



35.7065, 30.1756, 25.7741

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.



52.3472, 49.3709, 38.8891



39.9028, 49.3709, 60.8525



54.9448, 49.3709, 58.6067

Square

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



39.9028, 49.3709, 60.8525



49.3419, 49.3709, 77.8768



54.7274, 49.3709, 47.2348



44.5894, 49.3709, 35.2147

Rectangle

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



39.9028, 49.3709, 60.8525



44.0465, 49.3709, 77.1265



54.7274, 49.3709, 47.2348



49.9274, 49.3709, 35.6599

Sweetspot

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



39.9043, 49.3729, 60.8536



86.2827, 95.4803, 108.4889



34.0490, 47.0508, 29.1179



18.2251, 20.3115, 23.2097



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.



39.9043, 49.3729, 60.8536



66.9463, 85.5121, 107.5818



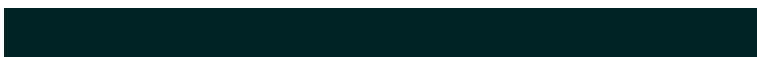
33.3646, 36.2931, 58.6751



10.9467, 12.0676, 13.6697



19.7610, 28.9168, 39.2817



0.9357, 1.3692, 1.8600

Inverse Universe

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



35.7065, 30.1756, 25.7741



58.3813, 46.3425, 36.0065



40.7128, 40.1885, 27.4421



10.6339, 10.6370, 11.0555



15.1453, 7.8077, 0.7090



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 39.9028, 49.3709, 60.8525 looks on a white background.

Color Contrast Check

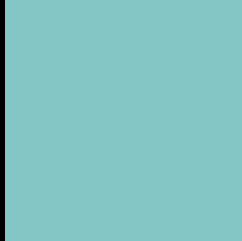
Large Text (above 18pt) WCAG AA × Fail

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 39.9028, 49.3709, 60.8525 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

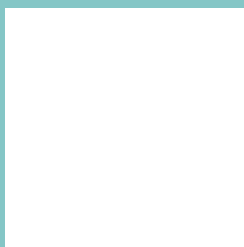
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.9028, 49.3709, 60.8525

Background



This preview shows how black text looks on a background with the XYZ color 39.9028, 49.3709, 60.8525.

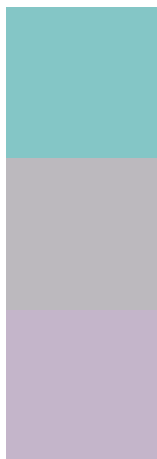


This preview shows how white text looks on a background with the XYZ color 39.9028, 49.3709,

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

39.9028, 49.3709, 60.8525

Protanopia

47.3823, 49.1070, 55.6965

Deuteranopia

49.9495, 49.0478, 62.7117



Tritanopia

41.6153, 49.3842, 69.6261

Trichromacy



Original Color

39.9028, 49.3709, 60.8525

Protanomaly

44.1875, 49.0020, 57.5815

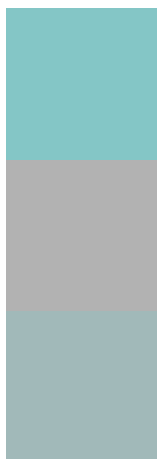
Deuteranomaly

45.5465, 48.6419, 62.2466

Tritanomaly

41.0603, 49.5058, 66.4230

Monochromacy



Original Color

39.9028, 49.3709, 60.8525

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

40.8039, 45.7778, 52.5843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9028, 49.3709, 60.8525 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(132, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(132, 198, 198)  
}
```

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(132, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 198, 198) }
```

Border

The CSS property to change the border of an element to XYZ 39.9028, 49.3709, 60.8525 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(132, 198, 198) }
```


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

```
.border{ border-color:rgb(132, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(132, 198,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9028, 49.3709, 60.8525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 198, 198) }
```

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

```
.background{ background-color: rgb(132,  
198, 198) }
```

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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