

Converting Colors

XYZ(40.8913, 50.3973, 68.5452)

Have a look what the booklet for
XYZ(40.8913, 50.3973, 68.5452)
contains.

XYZ(40.8913, 50.3973, 68.5452)	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(40.8913, 50.3973,
68.5452)**

Conversions

Conversions Part 1

Format	Color
Hex	7EC8D2
RGB	126, 200, 210
RGB Percent	49%, 78%, 82%
CMY	0.5059, 0.2157, 0.1765
CMYK	0.40, 0.05, 0.00, 0.18
HSL	187°, 48%, 66%
HSV	187°, 40%, 82%
XYZ	40.8913, 50.3973, 68.5452
YIQ	179.0140, -47.3140, -12.5780

Conversions

Conversions Part 2

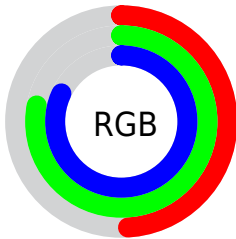
Format	Color
RYB	126, 165, 210
Decimal	8308946
CIELab	76.31, -20.44, -12.25
CIELCh	76, 23.831, 210.934
Yxy	50.3973, 0.2558, 0.3153
Android (android.graphics.Color)	4286499026 (0xFF7EC8D2)
YUV	179.0140, 15.2761, -46.4933
Hunter-Lab	70.9911, -21.4172, -7.5535

Details

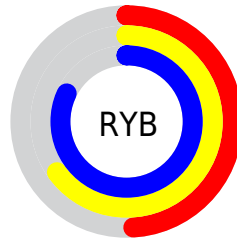
The XYZ color **40.8913, 50.3973, 68.5452** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.1492, 32.8170, 24.0108**, and the grayscale version is **42.7957, 45.0244, 49.0316**.

A 20% lighter version of the original color is **73.1014, 88.6851, 107.8728**, and **18.8782, 24.2977, 35.1474** is the 20% darker color. If you saturate the color by 10%, you get **37.5400, 47.8184, 68.2249**, and if you desaturate by 10%, it is **44.9051, 53.3341, 68.9014**.

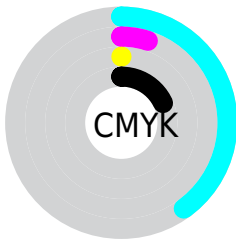
Distribution



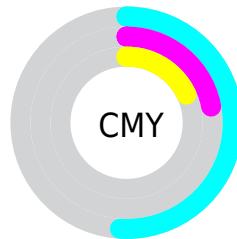
- Red (49%)
- Green (78%)
- Blue (82%)



- Red (49%)
- Yellow (65%)
- Blue (82%)



- Cyan (40%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (51%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8913, 50.3973, 68.5452 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 40.8913, 50.3973, 68.5452 by changing the saturation by 10% instead.

■ 40.8913, 50.3973,
68.5452

■ 40.8913, 50.3973,
68.5452

340.9365,
388.2176, 474.0757

■ 28.4215, 35.7292,
49.8720

■ 75.7946, 90.7633,
118.7933

■ 18.7857, 24.2251,
34.9412

■ 98.9588, 117.2299,
151.2053

■ 11.6186, 15.5007,
23.3344

■ 126.4184,
148.3981, 189.0339

■ 6.5549, 9.1715,
14.6330

158.5389,
184.6524, 232.6977

■ 3.2292, 4.8532,
8.4185

195.6856,
226.3771, 282.6153

■ 1.2761, 2.1614,
4.2723

238.2239,

■ 0.1652, 0.6988,

273.9566, 339.2051

1.7759

286.5190,
327.7753, 402.8857

■ 0.0000, 0.0000,
0.4120

■ 0.0000, 0.0000,
0.0000

■ 40.8913, 50.3973,
68.5452

■ 40.8913, 50.3973,
68.5452

■ 37.5400, 47.8184,
68.2249

■ 44.9051, 53.3341,
68.9014

■ 34.8056, 45.5704,
67.9351

■ 49.6142, 56.6423,
69.2917

■ 32.6438, 43.6314,
67.6748

■ 55.0550, 60.3419,
69.7191

■ 31.0026, 41.9747,
67.4415

■ 61.2595, 64.4495,
70.1849

■ 29.8202, 40.5683,
67.2324

■ 68.2584, 68.9808,
70.6906

■ 28.9833, 39.3538,
67.0421

■ 76.0801, 73.9507,
71.2377

■ 28.9832, 39.3536,
67.0421

■ 77.8150, 75.7972,
71.5027

■ 78.4662, 77.0995,
71.7197

■ 79.1271, 78.4214,
71.9400

Harmonies

Analogous

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



39.8005, 50.3973, 55.2767



40.8913, 50.3973, 68.5452



43.8402, 50.3973, 79.3616

Triad

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



40.8913, 50.3973, 68.5452



55.8247, 50.3973, 67.7415



47.7610, 50.3973, 33.7338

Complementary

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



40.8913, 50.3973, 68.5452



39.1492, 32.8170, 24.0108

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.



52.2053, 50.3973, 36.0259



40.8913, 50.3973, 68.5452



57.0324, 50.3973, 54.4734

Square

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



40.8913, 50.3973, 68.5452



52.4630, 50.3973, 78.8491



55.6695, 50.3973, 43.1535



43.6117, 50.3973, 36.3301

Rectangle

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



40.8913, 50.3973, 68.5452



46.5576, 50.3973, 82.9919



55.6695, 50.3973, 43.1535



49.2702, 50.3973, 33.9545

Sweetspot

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



40.8928, 50.3993, 68.5464



83.5237, 92.3494, 108.0308



36.0816, 52.3017, 31.4129



17.6316, 19.6004, 23.1039



0.0000, 0.0000, 0.0000



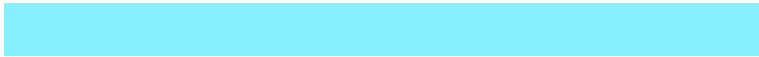
20.3446, 21.4041, 23.3091

Same Dimension

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



40.8928, 50.3993, 68.5464



58.9471, 74.7485, 105.9288



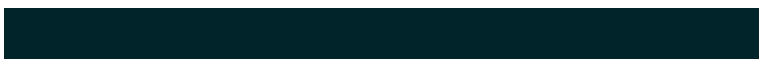
32.4992, 33.6120, 65.7485



12.0333, 13.1568, 15.1490



17.7279, 24.1024, 40.9104



1.0259, 1.4171, 2.2990

Inverse Universe

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



44.4658, 32.7948, 58.6321



65.3652, 44.2427, 87.8690



46.2259, 46.9704, 26.3697



12.2477, 11.9838, 14.5801



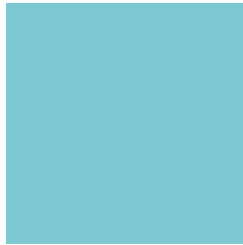
21.5789, 10.5044, 29.0186



1.2241, 0.5943, 1.7148

Previews

White Background



This preview shows how the XYZ color 40.8913, 50.3973, 68.5452 looks on a white background.

Color Contrast Check

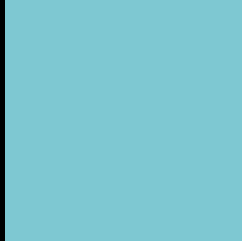
Large Text (above 18pt) WCAG AA × Fail

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 40.8913, 50.3973, 68.5452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

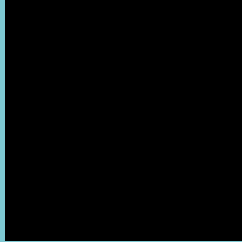
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8913, 50.3973, 68.5452

Background



This preview shows how black text looks on a background with the XYZ color 40.8913, 50.3973, 68.5452.

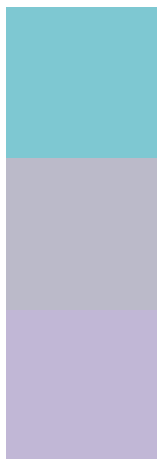


This preview shows how white text looks on a background with the XYZ color 40.8913, 50.3973,

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

40.8913, 50.3973, 68.5452

Protanopia

48.5950, 49.8997, 62.3287

Deuteranopia

51.0634, 50.0595, 70.5894



Tritanopia

41.4416, 50.2652, 71.8079

Trichromacy



Original Color

40.8913, 50.3973, 68.5452

Protanomaly

45.0469, 49.6206, 64.3302

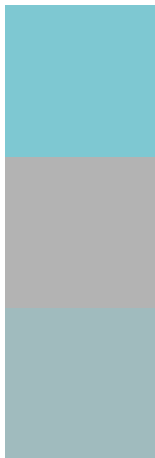
Deuteranomaly

46.5700, 49.6343, 70.0767

Tritanomaly

41.1861, 50.1630, 70.4625

Monochromacy



Original Color

40.8913, 50.3973, 68.5452

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.5618, 46.7319, 55.5448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8913, 50.3973, 68.5452 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(126, 200, 210)` looks like.

```
.text, #text, p{  
    color:rgb(126, 200, 210)  
}
```

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(126, 200, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 200, 210) }
```

Border

The CSS property to change the border of an element to XYZ 40.8913, 50.3973, 68.5452 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(126, 200, 210) }
```


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

```
.border{ border-color:rgb(126, 200, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 200, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 200, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 200, 210);  
box-shadow:4px 4px 4px 4px rgb(126, 200,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8913, 50.3973, 68.5452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 200, 210) }
```

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

```
.background{ background-color: rgb(126,  
200, 210) }
```

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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