

Converting Colors

XYZ(43.8040, 52.9405, 68.8826)

Have a look what the booklet for
XYZ(43.8040, 52.9405, 68.8826)
contains.

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Color

**XYZ(43.8040, 52.9405,
68.8826)**

Conversions

Conversions Part 1

Format	Color
Hex	8CCBD2
RGB	140, 203, 210
RGB Percent	55%, 80%, 82%
CMY	0.4510, 0.2039, 0.1765
CMYK	0.33, 0.03, 0.00, 0.18
HSL	186°, 44%, 69%
HSV	186°, 33%, 82%
XYZ	43.8040, 52.9405, 68.8826
YIQ	184.9610, -39.7950, -11.1790

Conversions

Conversions Part 2

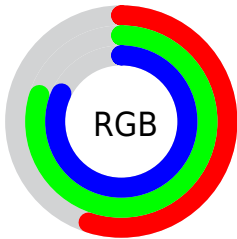
Format	Color
RYB	140, 173, 210
Decimal	9227218
CIELab	77.84, -18.27, -9.90
CIELCh	78, 20.777, 208.449
Yxy	52.9405, 0.2645, 0.3196
Android (android.graphics.Color)	4287417298 (0xFF8CCBD2)
YUV	184.9610, 12.3442, -39.4308
Hunter-Lab	72.7602, -19.8676, -5.1981

Details

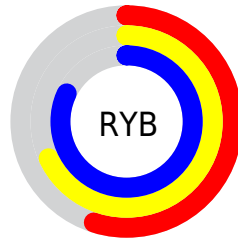
The XYZ color **43.8040, 52.9405, 68.8826** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.7464, 36.4629, 29.6498**, and the grayscale version is **46.0431, 48.4409, 52.7521**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **20.5859, 25.8736, 35.3616** is the 20% darker color. If you saturate the color by 10%, you get **40.1056, 50.3041, 68.5696**, and if you desaturate by 10%, it is **48.1876, 55.9426, 69.2319**.

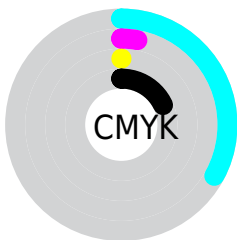
Distribution



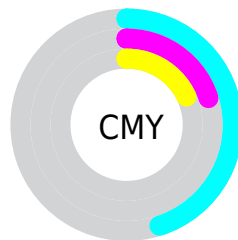
- Red (55%)
- Green (80%)
- Blue (82%)



- Red (55%)
- Yellow (68%)
- Blue (82%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (45%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8040, 52.9405, 68.8826 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 43.8040, 52.9405, 68.8826 by changing the saturation by 10% instead.

■ 43.8040, 52.9405,
68.8826

■ 43.8040, 52.9405,
68.8826

352.7736,
398.0568, 475.2995

■ 30.7137, 37.7553,
50.1449

■ 80.1709, 94.5168,
119.2800

■ 20.5317, 25.7928,
35.1566

■ 104.1782,
121.6767, 151.7768

■ 12.8926, 16.6687,
23.4990

132.5553,
153.5969, 189.6971

■ 7.4311, 9.9986,
14.7536

165.6674,
190.6618, 233.4594

■ 3.7819, 5.3980,
8.5020

203.8799,
233.2559, 283.4823

■ 1.5795, 2.4826,
4.3254

247.5582,

■ 0.3790, 0.8679,

281.7635, 340.1842

1.8055

297.0676,
336.5690, 403.9838

■ 0.0000, 0.0000,
0.4316

■ 0.0000, 0.0000,
0.0000

■ 43.8040, 52.9405,
68.8826

■ 43.8040, 52.9405,
68.8826

■ 40.1056, 50.3041,
68.5696

■ 48.1876, 55.9426,
69.2319

■ 37.0489, 48.0073,
68.2873

■ 53.2871, 59.3225,
69.6155

■ 34.5933, 46.0302,
68.0351

■ 59.1371, 63.0994,
70.0362

■ 32.6911, 44.3482,
67.8107

■ 65.7686, 67.2892,
70.4954

■ 31.2875, 42.9330,
67.6116

■ 73.2108, 71.9070,
70.9945

■ 30.3161, 41.7505,
67.4345

■ 77.3265, 74.8201,
71.3399

■ 29.8324, 41.0519,
67.3252

■ 77.8665, 75.9001,
71.5199

■ 78.4134, 76.9939,
71.7021

■ 78.9672, 78.1015,
71.8867

Harmonies

Analogous

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



42.9584, 52.9405, 57.0444



43.8040, 52.9405, 68.8826



46.3691, 52.9405, 78.7140

Triad

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



43.8040, 52.9405, 68.8826



57.2196, 52.9405, 70.0613



50.5285, 52.9405, 38.1721

Complementary

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



43.8040, 52.9405, 68.8826



41.7464, 36.4629, 29.6498

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.



54.4857, 52.9405, 40.7143



43.8040, 52.9405, 68.8826



58.4744, 52.9405, 58.2462

Square

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



43.8040, 52.9405, 68.8826



54.1034, 52.9405, 79.4559



57.4485, 52.9405, 47.6982



46.7141, 52.9405, 40.2396

Rectangle

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



43.8040, 52.9405, 68.8826



48.7817, 52.9405, 82.2526



57.4485, 52.9405, 47.6982



51.8870, 52.9405, 38.5086

Sweetspot

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



43.8056, 52.9426, 68.8838



85.4750, 93.8647, 108.2204



39.0382, 53.7398, 35.4426



18.0281, 19.9174, 23.1442



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.



43.8056, 52.9426, 68.8838



63.7798, 79.1782, 106.5291



36.6681, 38.6677, 66.5047



12.0532, 13.1966, 15.1556



18.2392, 25.1250, 41.0808



1.0497, 1.4646, 2.3069

Inverse Universe

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



46.7372, 36.7708, 61.1365



69.0827, 50.6230, 92.3591



47.8030, 48.5762, 31.6687



12.2577, 11.9878, 14.6331



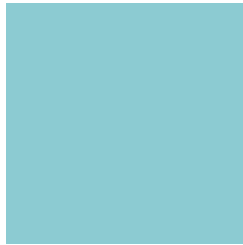
21.8370, 10.6076, 30.3776



1.2361, 0.5991, 1.7779

Previews

White Background



This preview shows how the XYZ color 43.8040, 52.9405, 68.8826 looks on a white background.

Color Contrast Check

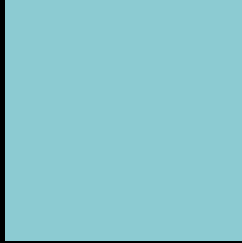
Large Text (above 18pt) WCAG AA × Fail

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 43.8040, 52.9405, 68.8826 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 43.8040, 52.9405, 68.8826

Background



This preview shows how black text looks on a background with the XYZ color 43.8040, 52.9405, 68.8826.

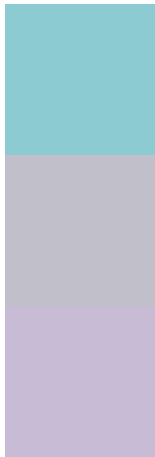


This preview shows how white text looks on a background with the XYZ color 43.8040, 52.9405,

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

43.8040, 52.9405, 68.8826

Protanopia

51.0297, 52.7323, 63.3659

Deuteranopia

53.6000, 52.6241, 70.2832



Tritanopia

44.9307, 53.0538, 74.2020

Trichromacy



Original Color

43.8040, 52.9405, 68.8826

Protanomaly

47.7681, 52.3222, 65.3392

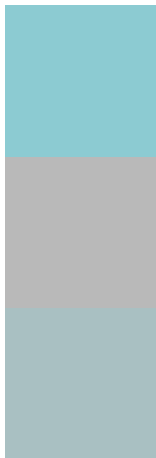
Deuteranomaly

49.3137, 52.3584, 69.7944

Tritanomaly

44.3708, 52.8101, 72.1448

Monochromacy



Original Color

43.8040, 52.9405, 68.8826

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.9494, 50.0293, 58.3265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8040, 52.9405, 68.8826 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(140, 203, 210)` looks like.

```
.text, #text, p{  
    color:rgb(140, 203, 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(140, 203, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 203, 210) }
```

Border

The CSS property to change the border of an element to XYZ 43.8040, 52.9405, 68.8826 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(140, 203, 210) }
```


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

```
.border{ border-color:rgb(140, 203, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 203, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 203, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 203, 210);  
box-shadow:4px 4px 4px 4px rgb(140, 203,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8040, 52.9405, 68.8826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 203, 210) }
```

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

```
.background{ background-color: rgb(140,  
203, 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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