

Converting Colors

XYZ(43.0890, 53.2800, 52.8128)

Have a look what the booklet for
XYZ(43.0890, 53.2800, 52.8128)
contains.

XYZ(43.0890, 53.2800, 52.8128)	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(43.0890, 53.2800,
52.8128)**

Conversions

Conversions Part 1

Format	Color
Hex	98CCB7
RGB	152, 204, 183
RGB Percent	60%, 80%, 72%
CMY	0.4039, 0.2000, 0.2823
CMYK	0.25, 0.00, 0.10, 0.20
HSL	156°, 34%, 70%
HSV	156°, 25%, 80%
XYZ	43.0890, 53.2800, 52.8128
YIQ	186.0580, -24.2510, -17.5550

Conversions

Conversions Part 2

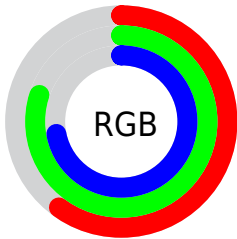
Format	Color
RYB	152, 185, 204
Decimal	10013879
CIELab	78.04, -21.24, 5.00
CIELCh	78, 21.823, 166.763
Yxy	53.2800, 0.2888, 0.3571
Android (android.graphics.Color)	4288203959 (0xFF98CCB7)
YUV	186.0580, -1.5076, -29.8689
Hunter-Lab	72.9932, -22.3667, 8.1971

Details

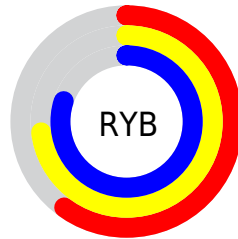
The XYZ color **43.0890, 53.2800, 52.8128** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.6747, 38.3123, 44.6305**, and the grayscale version is **46.7237, 49.1570, 53.5319**.

A 20% lighter version of the original color is **77.0721, 91.0174, 95.1673**, and **20.1911, 26.1337, 25.0992** is the 20% darker color. If you saturate the color by 10%, you get **38.7619, 51.1469, 48.2645**, and if you desaturate by 10%, it is **48.1260, 55.7761, 57.6586**.

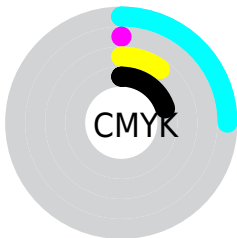
Distribution



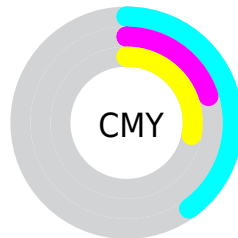
- Red (60%)
- Green (80%)
- Blue (72%)



- Red (60%)
- Yellow (73%)
- Blue (80%)



- Cyan (25%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)





- Cyan (40%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0890, 53.2800, 52.8128 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 43.0890, 53.2800, 52.8128 by changing the saturation by 10% instead.


 43.0890, 53.2800,
52.8128


 43.0890, 53.2800,
52.8128


349.8930,
399.3584, 414.6124

 30.1498, 38.0263,
37.2666


 79.1000, 95.0163,
95.7676

 20.1009, 26.0031,
25.1166


 102.9025,
122.2676, 124.0133

 12.5771, 16.8260,
15.9441


131.0568,
154.2871, 157.3293

 7.2130, 10.1105,
9.3307

163.9283,
191.4589, 196.1342

 3.6432, 5.4723,
4.8578

201.8823,
234.1676, 240.8463

 1.5023, 2.5269,
2.1068

245.2842,

 0.3274, 0.8901,

282.7975, 291.8844

0.6198

294.4993,
337.7329, 349.6669

■ 0.0000, 0.0000,
0.0000

■ 43.0890, 53.2800,
52.8128

■ 43.0890, 53.2800,
52.8128

■ 38.7619, 51.1469,
48.2645

■ 48.1260, 55.7761,
57.6586

■ 35.1057, 49.3526,
44.0042

■ 53.9005, 58.6451,
62.8043

■ 32.0846, 47.8801,
40.0267

■ 60.4440, 61.9044,
68.2566

■ 29.6572, 46.7081,
36.3255

■ 67.7848, 65.5688,
74.0211

■ 27.7771, 45.8129,
32.8934

■ 75.9497, 69.6518,
80.1029

■ 26.3905, 45.1668,
29.7231

■ 77.4615, 70.2987,
86.1562

■ 25.4316, 44.7361,
26.8062

■ 78.6627, 70.7792,
92.4816

■ 25.0827, 44.5832,
25.5698

■ 79.9195, 71.2819,
99.1001

■ 80.8838, 71.6677,
104.1779

Harmonies

Analogous

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



44.9128, 53.2800, 43.4005



43.0890, 53.2800, 52.8128



43.2061, 53.2800, 65.0348

Triad

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



43.0890, 53.2800, 52.8128



53.0370, 53.2800, 83.4572



56.4532, 53.2800, 42.5658

Complementary

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



43.0890, 53.2800, 52.8128



43.6747, 38.3123, 44.6305

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.



58.8834, 53.2800, 51.5155



43.0890, 53.2800, 52.8128



56.8367, 53.2800, 75.5842

Square

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



43.0890, 53.2800, 52.8128



48.7912, 53.2800, 83.9336



59.0276, 53.2800, 63.5435



52.5371, 53.2800, 38.0673

Rectangle

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



43.0890, 53.2800, 52.8128



44.3670, 53.2800, 73.1928



59.0276, 53.2800, 63.5435



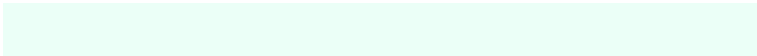
57.4803, 53.2800, 45.0918

Sweetspot

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



43.0905, 53.2822, 52.8140



86.6406, 95.8148, 101.7300



44.6435, 54.4155, 37.8569



18.2261, 20.3500, 21.4938



0.0000, 0.0000, 0.0000



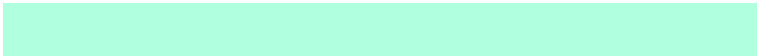
20.3446, 21.4041, 23.3091

Same Dimension

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



43.0905, 53.2822, 52.8140



66.9824, 86.0760, 82.9480



44.4269, 52.1915, 64.8617



11.3440, 12.6474, 13.3690



15.8337, 28.0788, 16.3414



0.8538, 1.4633, 1.0377

Inverse Universe

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



43.6747, 38.3123, 44.6305



68.1255, 56.8391, 66.9753



42.5154, 38.9947, 34.9925



11.3969, 11.2875, 12.6249



16.6849, 8.4846, 6.0595



0.8980, 0.4526, 0.5089

Previews

White Background



This preview shows how the XYZ color 43.0890, 53.2800, 52.8128 looks on a white background.

Color Contrast Check

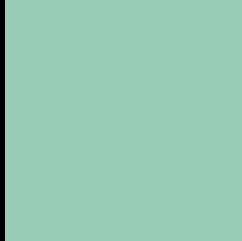
Large Text (above 18pt) WCAG AA × Fail

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 43.0890, 53.2800, 52.8128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

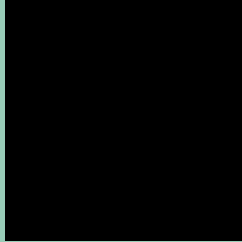
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0890, 53.2800, 52.8128

Background



This preview shows how black text looks on a background with the XYZ color 43.0890, 53.2800, 52.8128.



This preview shows how white text looks on a background with the XYZ color 43.0890, 53.2800, 52.8128.

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

43.0890, 53.2800, 52.8128

Protanopia

50.5055, 53.1132, 48.6642

Deuteranopia

53.9691, 52.8518, 54.3706



Tritanopia

46.7897, 53.0222, 72.0582

Trichromacy



Original Color

43.0890, 53.2800, 52.8128

Protanomaly

47.4050, 52.8018, 50.3411

Deuteranomaly

49.4187, 52.7615, 54.0337

Tritanomaly

45.3764, 53.1530, 64.3679

Monochromacy



Original Color

43.0890, 53.2800, 52.8128

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.2825, 50.6414, 53.2871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0890, 53.2800, 52.8128 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(152, 204, 183)` looks like.

```
.text, #text, p{  
    color:rgb(152, 204, 183)  
}
```

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(152, 204, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 204, 183) }
```

Border

The CSS property to change the border of an element to XYZ 43.0890, 53.2800, 52.8128 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(152, 204, 183) }
```


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

```
.border{ border-color:rgb(152, 204, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 204, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 204, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 204, 183);  
box-shadow:4px 4px 4px 4px rgb(152, 204,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0890, 53.2800, 52.8128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 204, 183) }
```

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

```
.background{ background-color: rgb(152,  
204, 183) }
```

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