

Converting Colors

XYZ(43.6108, 53.3274, 64.0653)

Have a look what the booklet for
XYZ(43.6108, 53.3274, 64.0653)
contains.

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Color

**XYZ(43.5812, 53.2896,
63.8661)**

Conversions

Conversions Part 1

Format	Color
Hex	8FCCCA
RGB	143, 204, 202
RGB Percent	56%, 80%, 79%
CMY	0.4392, 0.2000, 0.2078
CMYK	0.30, 0.00, 0.01, 0.20
HSL	178°, 37%, 68%
HSV	178°, 30%, 80%
XYZ	43.5812, 53.2896, 63.8661
YIQ	185.5330, -35.7140, -13.5540

Conversions

Conversions Part 2

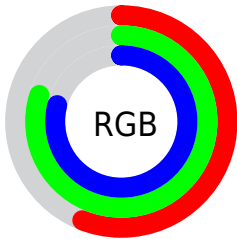
Format	Color
RYB	143, 174, 204
Decimal	9424074
CIELab	78.05, -19.81, -5.27
CIELCh	78, 20.500, 194.895
Yxy	53.2896, 0.2711, 0.3315
Android (android.graphics.Color)	4287614154 (0xFF8FCCCA)
YUV	185.5330, 8.1182, -37.3014
Hunter-Lab	72.9997, -21.1841, -0.7719

Details

The XYZ color **43.5812, 53.2896, 63.8661** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.8369, 34.5281, 31.3550**, and the grayscale version is **46.3826, 48.7982, 53.1412**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **20.4681, 26.1245, 31.9807** is the 20% darker color. If you saturate the color by 10%, you get **40.2871, 51.6019, 63.3001**, and if you desaturate by 10%, it is **47.5210, 55.3128, 64.4665**.

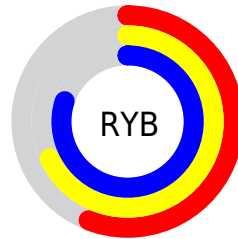
Distribution



Red (56%)

Green (80%)

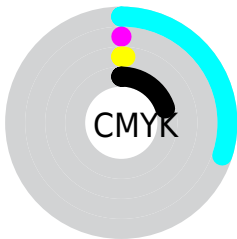
Blue (79%)



Red (56%)

Yellow (68%)

Blue (80%)

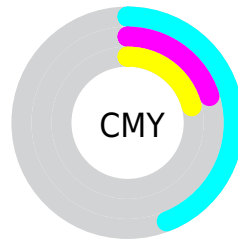


Cyan (30%)

Magenta (0%)

Yellow (1%)

Black (20%)



Cyan (44%)

Magenta (20%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5812, 53.2896, 63.8661 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 43.5812, 53.2896, 63.8661 by changing the saturation by 10% instead.

■ 43.5812, 53.2896,
63.8661

■ 43.5812, 53.2896,
63.8661

351.8777,
399.3952, 456.9001

■ 30.5379, 38.0340,
46.0967

■ 79.8374, 95.0304,
112.0157

■ 20.3973, 26.0091,
31.9730

■ 103.7811,
122.2843, 143.2330

■ 12.7941, 16.8304,
21.0762

132.0889,
154.3066, 179.7700

■ 7.3630, 10.1137,
12.9879

165.1262,
191.4814, 222.0454

■ 3.7384, 5.4744,
7.2896

203.2584,
234.1933, 270.4775

■ 1.5553, 2.5282,
3.5627

246.8508,

■ 0.3630, 0.8907,

282.8267, 325.4850

1.3886

296.2687,
337.7658, 387.4863

■ 0.0000, 0.0000,
0.1328

■ 0.0000, 0.0000,
0.0000

■ 43.5812, 53.2896,
63.8661

■ 43.5812, 53.2896,
63.8661

■ 40.2871, 51.6019,
63.3001

■ 47.5210, 55.3128,
64.4665

■ 37.5991, 50.2253,
62.7630

■ 52.1340, 57.6817,
65.0990

■ 35.4807, 49.1423,
62.2544

■ 57.4518, 60.4138,
65.7663

■ 33.8894, 48.3310,
61.7723

■ 63.5027, 63.5239,
66.4697

■ 32.7768, 47.7664,
61.3144

■ 70.3132, 67.0255,
67.2104

■ 32.0858, 47.4191,
60.8780

■ 73.9767, 68.9047,
67.8057

■ 31.7104, 47.2345,
60.4581

■ 74.0582, 68.9373,
68.2352

■ 31.7071, 47.2329,
60.4540

■ 74.1401, 68.9701,
68.6665

■ 74.2224, 69.0030,
69.0996

Harmonies

Analogous

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



43.5878, 53.2896, 52.4755



43.5812, 53.2896, 63.8661



45.3994, 53.2896, 74.9834

Triad

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



43.5812, 53.2896, 63.8661



56.2697, 53.2896, 75.0508



52.6790, 53.2896, 39.2645

Complementary

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



43.5812, 53.2896, 63.8661



39.8369, 34.5281, 31.3550

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.



56.2910, 53.2896, 43.8353



43.5812, 53.2896, 63.8661



58.4370, 53.2896, 63.9490

Square

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



43.5812, 53.2896, 63.8661



52.6512, 53.2896, 81.9950



58.4450, 53.2896, 52.5482



48.7005, 53.2896, 39.2485

Rectangle

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



43.5812, 53.2896, 63.8661



47.4594, 53.2896, 80.3198



58.4450, 53.2896, 52.5482



53.9808, 53.2896, 40.2897

Sweetspot

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



43.5828, 53.2917, 63.8673



86.9839, 95.8557, 107.8907



38.2353, 51.1938, 33.8538



18.3588, 20.3839, 23.0591



0.0000, 0.0000, 0.0000



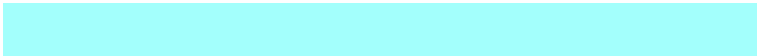
20.3446, 21.4041, 23.3091

Same Dimension

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



43.5828, 53.2917, 63.8673



68.4738, 86.3551, 105.1437



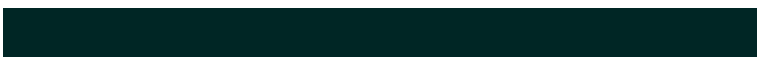
37.6623, 41.0689, 63.0712



11.5267, 12.7204, 14.3313



19.9631, 29.7305, 38.0862



1.0350, 1.5358, 1.9917

Inverse Universe

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



39.8369, 34.5281, 31.3550



61.2753, 50.2865, 42.6557



44.5128, 44.1248, 32.1585



11.2270, 11.2195, 11.7300



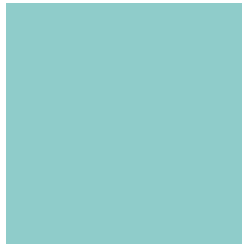
15.7033, 8.0919, 0.8905



0.8155, 0.4196, 0.0741

Previews

White Background



This preview shows how the XYZ color 43.5812, 53.2896, 63.8661 looks on a white background.

Color Contrast Check

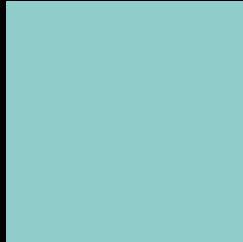
Large Text (above 18pt) WCAG AA × Fail

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 43.5812, 53.2896, 63.8661 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

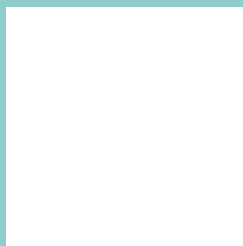
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5812, 53.2896, 63.8661

Background



This preview shows how black text looks on a background with the XYZ color 43.5812, 53.2896, 63.8661.

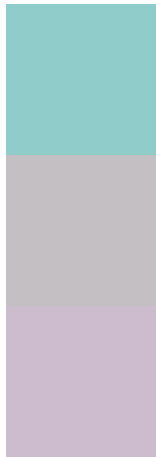


This preview shows how white text looks on a background with the XYZ color 43.5812, 53.2896,

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

43.5812, 53.2896, 63.8661

Protanopia

50.8741, 52.7587, 58.5410

Deuteranopia

54.0877, 52.9760, 65.7672



Tritanopia

45.8080, 53.5061, 74.2430

Trichromacy



Original Color

43.5812, 53.2896, 63.8661

Protanomaly

47.7225, 52.7412, 60.4881

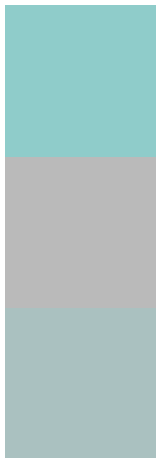
Deuteranomaly

49.3808, 52.4928, 65.2871

Tritanomaly

45.0937, 53.5763, 70.2519

Monochromacy



Original Color

43.5812, 53.2896, 63.8661

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.1620, 50.4917, 57.2348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5812, 53.2896, 63.8661 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(143, 204, 202)` looks like.

```
.text, #text, p{  
    color:rgb(143, 204, 202)  
}
```

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(143, 204, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 204, 202) }
```

Border

The CSS property to change the border of an element to XYZ 43.5812, 53.2896, 63.8661 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(143, 204, 202) }
```


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

```
.border{ border-color:rgb(143, 204, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 204, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 204, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 204, 202);  
box-shadow:4px 4px 4px 4px rgb(143, 204,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5812, 53.2896, 63.8661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 204, 202) }
```

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

```
.background{ background-color: rgb(143,  
204, 202) }
```

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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