

Converting Colors

XYZ(43.7811, 57.9623, 55.5530)

Have a look what the booklet for
XYZ(43.7811, 57.9623, 55.5530)
contains.

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Color

**XYZ(43.7353, 57.9753,
55.3396)**

Conversions

Conversions Part 1

Format	Color
Hex	89D8BA
RGB	137, 216, 186
RGB Percent	54%, 85%, 73%
CMY	0.4627, 0.1529, 0.2706
CMYK	0.37, 0.00, 0.14, 0.15
HSL	157°, 50%, 69%
HSV	157°, 37%, 85%
XYZ	43.7353, 57.9753, 55.3396
YIQ	188.9590, -37.4540, -26.0780

Conversions

Conversions Part 2

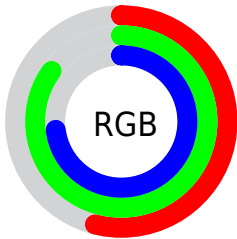
Format	Color
RYB	137, 186, 216
Decimal	9033914
CIELab	80.73, -30.91, 7.16
CIELCh	81, 31.724, 166.958
Yxy	57.9753, 0.2785, 0.3692
Android (android.graphics.Color)	4287223994 (0xFF89D8BA)
YUV	188.9590, -1.4588, -45.5680
Hunter-Lab	76.1415, -30.7182, 10.2071

Details

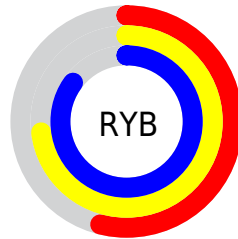
The XYZ color **43.7353, 57.9753, 55.3396** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.2416, 35.2817, 41.0397**, and the grayscale version is **48.3710, 50.8901, 55.4193**.

A 20% lighter version of the original color is **73.7793, 89.2683, 97.3463**, and **20.5458, 29.0222, 26.7093** is the 20% darker color. If you saturate the color by 10%, you get **39.6958, 55.9923, 50.7289**, and if you desaturate by 10%, it is **48.5369, 60.3485, 60.2499**.

Distribution



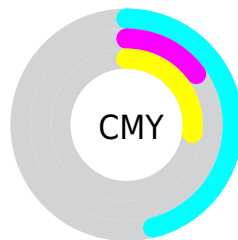
- Red (54%)
- Green (85%)
- Blue (73%)



- Red (54%)
- Yellow (73%)
- Blue (85%)



- Cyan (37%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)





- Cyan (46%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7353, 57.9753, 55.3396 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 43.7353, 57.9753, 55.3396 by changing the saturation by 10% instead.


 43.7353, 57.9753,
55.3396

 43.7353, 57.9753,
55.3396


352.4975,
417.0939, 424.5161


 30.6595, 41.7888,
39.2732


 80.0681, 101.8869,
99.5145

 20.4902, 28.9359,
26.6629


 104.0558,
130.3808, 128.4601

 12.8622, 19.0324,
17.0900


 132.4115,
163.7459, 162.5359

 7.4101, 11.6937,
10.1361

165.5006,
202.3666, 202.1603

 3.7685, 6.5355,
5.3825

203.6883,
246.6274, 247.7521

 1.5720, 3.1733,
2.4107

247.3402,

 0.3741, 1.2229,

296.9126, 299.7296

0.7923

296.8214,
353.6066, 358.5114

■ 0.0000, 0.0803,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.7353, 57.9753,
55.3396

■ 43.7353, 57.9753,
55.3396

■ 39.6958, 55.9923,
50.7289

■ 48.5369, 60.3485,
60.2499

■ 36.3701, 54.3701,
46.4074

■ 54.1357, 63.1252,
65.4618

■ 33.7121, 53.0864,
42.3697

■ 60.5700, 66.3267,
70.9827

■ 31.6675, 52.1135,
38.6088

■ 67.8747, 69.9708,
76.8181

■ 30.1734, 51.4190,
35.1169

■ 76.0821, 74.0741,
82.9735

■ 29.1493, 50.9615,
31.8855

■ 80.8242, 76.3848,
89.2483

■ 28.8581, 50.8343,
30.8352

■ 82.0387, 76.8706,
95.6436

■ 83.3086, 77.3785,
102.3306

■ 83.8469, 77.5939,
105.1656

Harmonies

Analogous

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



46.4122, 57.9753, 41.5912



43.7353, 57.9753, 55.3396



43.9263, 57.9753, 74.2265

Triad

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



43.7353, 57.9753, 55.3396



58.8547, 57.9753, 104.2343



64.1430, 57.9753, 40.2871

Complementary

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



43.7353, 57.9753, 55.3396



44.2416, 35.2817, 41.0397

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.



68.0328, 57.9753, 53.1900



43.7353, 57.9753, 55.3396



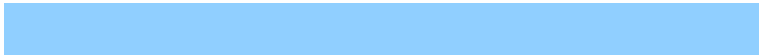
64.8179, 57.9753, 91.0444

Square

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



43.7353, 57.9753, 55.3396



52.3136, 57.9753, 105.1270



68.2891, 57.9753, 71.6089



57.9914, 57.9753, 34.1317

Rectangle

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



43.7353, 57.9753, 55.3396



45.6510, 57.9753, 87.3563



68.2891, 57.9753, 71.6089



65.7789, 57.9753, 43.8487

Sweetspot

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



43.7369, 57.9777, 55.3409



83.8047, 94.3955, 99.6680



45.0693, 59.1668, 32.7126



17.6640, 20.0684, 21.0978



0.0000, 0.0000, 0.0000



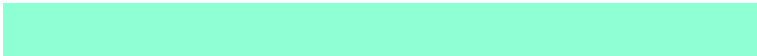
20.3446, 21.4041, 23.3091

Same Dimension

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



43.7369, 57.9777, 55.3409



58.9860, 82.1150, 75.2864



44.9734, 54.7993, 73.1755



12.5830, 14.0242, 14.8843



17.1344, 30.1091, 18.5351



1.0732, 1.8319, 1.3271

Inverse Universe

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



44.2416, 35.2817, 41.0397



59.8328, 44.3651, 51.5360



43.1483, 37.0311, 28.5413



12.6164, 12.4981, 13.9204



17.7127, 9.0214, 5.7911



1.1080, 0.5600, 0.5582

Previews

White Background



This preview shows how the XYZ color 43.7353, 57.9753, 55.3396 looks on a white background.

Color Contrast Check

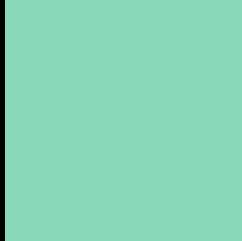
Large Text (above 18pt) WCAG AA × Fail

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 43.7353, 57.9753, 55.3396 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

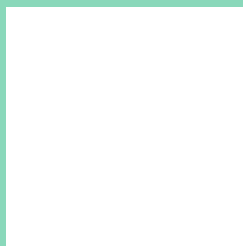
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7353, 57.9753, 55.3396

Background



This preview shows how black text looks on a background with the XYZ color 43.7353, 57.9753, 55.3396.

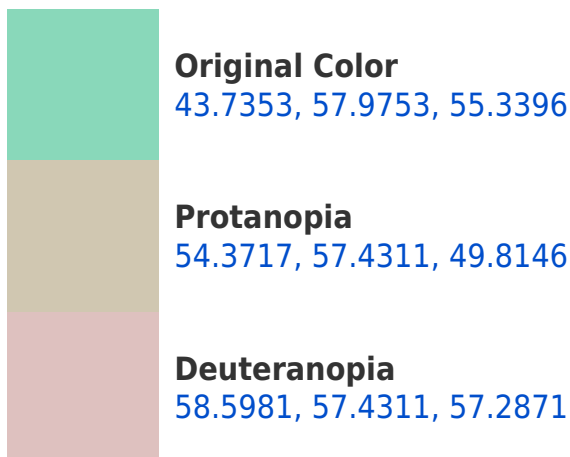


This preview shows how white text looks on a background with the XYZ color 43.7353, 57.9753,

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





Tritanopia

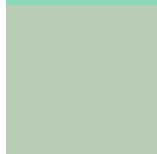
48.9443, 57.8423, 81.2581

Trichromacy



Original Color

43.7353, 57.9753, 55.3396



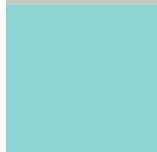
Protanomaly

49.3609, 56.9030, 51.5618



Deuteranomaly

51.5578, 56.5238, 56.3369



Tritanomaly

46.7548, 57.6801, 70.9565

Monochromacy



Original Color

43.7353, 57.9753, 55.3396



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

46.0781, 53.0237, 55.3830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7353, 57.9753, 55.3396 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(137, 216, 186)` looks like.

```
.text, #text, p{  
    color:rgb(137, 216, 186)  
}
```

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(137, 216, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 216, 186) }
```

Border

The CSS property to change the border of an element to XYZ 43.7353, 57.9753, 55.3396 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(137, 216, 186) }
```


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

```
.border{ border-color:rgb(137, 216, 186) }
```

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

Here you see how a box with a 4 pixel rgb(137, 216, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 216, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 216, 186);  
box-shadow:4px 4px 4px 4px rgb(137, 216,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7353, 57.9753, 55.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 216, 186) }
```

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

```
.background{ background-color: rgb(137,  
216, 186) }
```

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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