

Converting Colors

XYZ(43.5825, 51.3785, 55.7151)

Have a look what the booklet for
XYZ(43.5825, 51.3785, 55.7151)
contains.

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Color

**XYZ(43.6775, 51.4332,
55.7697)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC6BD
RGB	159, 198, 189
RGB Percent	62%, 78%, 74%
CMY	0.3765, 0.2235, 0.2588
CMYK	0.20, 0.00, 0.05, 0.22
HSL	166°, 25%, 70%
HSV	166°, 20%, 78%
XYZ	43.6775, 51.4332, 55.7697
YIQ	185.3130, -20.3550, -11.0670

Conversions

Conversions Part 2

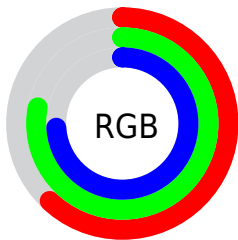
Format	Color
RYB	159, 181, 198
Decimal	10471101
CIELab	76.94, -14.76, 0.22
CIELCh	77, 14.766, 179.139
Yxy	51.4332, 0.2895, 0.3409
Android (android.graphics.Color)	4288661181 (0xFF9FC6BD)
YUV	185.3130, 1.8177, -23.0765
Hunter-Lab	71.7169, -16.7935, 4.0958

Details

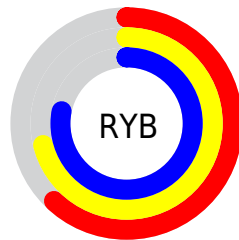
The XYZ color **43.6775, 51.4332, 55.7697** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.7566, 39.6306, 42.4440**, and the grayscale version is **46.2878, 48.6984, 53.0326**.

A 20% lighter version of the original color is **79.9730, 92.4087, 100.0078**, and **20.4806, 24.8499, 27.0096** is the 20% darker color. If you saturate the color by 10%, you get **39.5732, 49.3751, 53.0293**, and if you desaturate by 10%, it is **48.4294, 53.8260, 58.6242**.

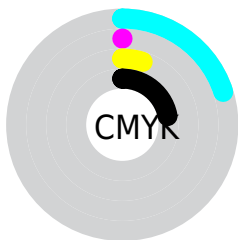
Distribution



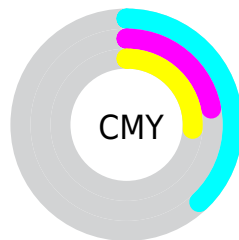
- Red (62%)
- Green (78%)
- Blue (74%)



- Red (62%)
- Yellow (71%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)





- Cyan (38%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6775, 51.4332, 55.7697 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 43.6775, 51.4332, 55.7697 by changing the saturation by 10% instead.


 43.6775, 51.4332,
55.7697


 43.6775, 51.4332,
55.7697


352.2651,
392.2445, 426.1869

 30.6139, 36.5535,
39.6156

 79.9816, 92.2948,
100.1502

 20.4554, 24.8620,
26.9274


 103.9528,
119.0455, 129.2136

 12.8367, 15.9742,
17.2868


132.2905,
150.5219, 163.4173

 7.3924, 9.5059,
10.2750

165.3602,
187.1085, 203.1796

 3.7572, 5.0726,
5.4737

203.5271,
229.1897, 248.9192

 1.5657, 2.2899,
2.4642

247.1567,

 0.3699, 0.7684,

277.1498, 301.0546

0.8211

296.6142,
331.3733, 360.0043

■ 0.0000, 0.0000,
0.0000

■ 43.6775, 51.4332,
55.7697

■ 43.6775, 51.4332,
55.7697

■ 39.5732, 49.3751,
53.0293

■ 48.4294, 53.8260,
58.6242

■ 36.0820, 47.6300,
50.3975

■ 53.8524, 56.5616,
61.5913

■ 33.1729, 46.1832,
47.8730

■ 59.9745, 59.6558,
64.6742

■ 30.8105, 45.0164,
45.4535

■ 66.8205, 63.1213,
67.8748

■ 28.9552, 44.1093,
43.1363

■ 73.3002, 66.3961,
71.1428

■ 27.5621, 43.4388,
40.9185

■ 73.8845, 66.6298,
74.2200

■ 26.5782, 42.9776,
38.7970

■ 74.4854, 66.8701,
77.3839

■ 25.9060, 42.6753,
36.7662

■ 75.1028, 67.1171,
80.6351

■ 25.8871, 42.6668,
36.7060

■ 75.7369, 67.3707,
83.9743

Harmonies

Analogous

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



44.3908, 51.4332, 48.4303



43.6775, 51.4332, 55.7697



44.3146, 51.4332, 63.8835

Triad

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



43.6775, 51.4332, 55.7697



51.5654, 51.4332, 70.6414



51.7113, 51.4332, 43.7362

Complementary

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



43.6775, 51.4332, 55.7697



42.7566, 39.6306, 42.4440

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.



53.7608, 51.4332, 48.7969



43.6775, 51.4332, 55.7697



53.6743, 51.4332, 64.3245

Square

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



43.6775, 51.4332, 55.7697



48.8045, 51.4332, 72.9514



54.4923, 51.4332, 56.2350



48.9670, 51.4332, 41.9050

Rectangle

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



43.6775, 51.4332, 55.7697



45.4338, 51.4332, 68.5453



54.4923, 51.4332, 56.2350



52.5081, 51.4332, 45.0906

Sweetspot

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



43.6790, 51.4353, 55.7709



89.0800, 96.9874, 105.6798



42.6235, 51.2294, 40.4436



18.9335, 20.6921, 22.5458



0.0000, 0.0000, 0.0000



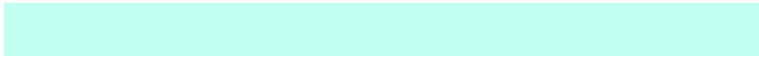
20.3446, 21.4041, 23.3091

Same Dimension

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



43.6790, 51.4353, 55.7709



73.8152, 89.3062, 96.4676



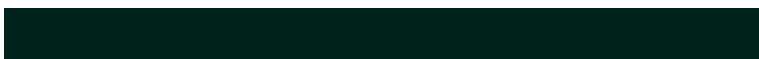
42.3906, 47.2458, 60.3136



10.8379, 12.0241, 13.0967



16.8684, 27.7597, 24.0491



0.8250, 1.3249, 1.2773

Inverse Universe

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



42.7566, 39.6306, 42.4440



71.8634, 64.3050, 68.2515



43.8109, 43.0356, 38.7995



10.7325, 10.6764, 11.5746



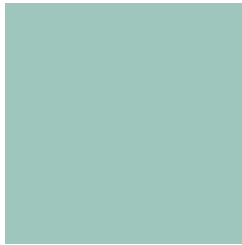
15.4898, 7.9455, 2.5232



0.7623, 0.3878, 0.2713

Previews

White Background



This preview shows how the XYZ color 43.6775, 51.4332, 55.7697 looks on a white background.

Color Contrast Check

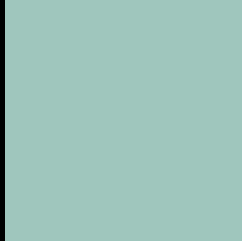
Large Text (above 18pt) WCAG AA × Fail

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 43.6775, 51.4332, 55.7697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

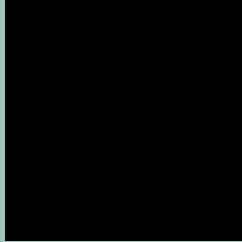
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6775, 51.4332, 55.7697

Background



This preview shows how black text looks on a background with the XYZ color 43.6775, 51.4332, 55.7697.



This preview shows how white text looks on a background with the XYZ color 43.6775, 51.4332,

55.7697.

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

43.6775, 51.4332, 55.7697

Protanopia

49.0975, 51.3252, 52.6664

Deuteranopia

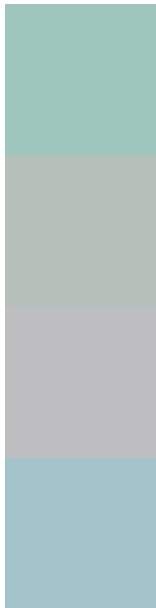
52.3870, 51.3521, 57.0200



Tritanopia

46.2522, 51.4699, 68.4697

Trichromacy



Original Color

43.6775, 51.4332, 55.7697

Protanomaly

46.7686, 51.0682, 53.8466

Deuteranomaly

48.8368, 51.1039, 56.5803

Tritanomaly

45.3009, 51.4255, 63.4156

Monochromacy



Original Color

43.6775, 51.4332, 55.7697

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.1809, 49.6022, 53.6473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6775, 51.4332, 55.7697 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(159, 198, 189)` looks like.

```
.text, #text, p{  
    color:rgb(159, 198, 189)  
}
```

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(159, 198, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 198, 189) }
```

Border

The CSS property to change the border of an element to XYZ 43.6775, 51.4332, 55.7697 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(159, 198, 189) }
```


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

```
.border{ border-color:rgb(159, 198, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 198, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 198, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 198, 189); box-shadow:4px 4px 4px 4px rgb(159, 198, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6775, 51.4332, 55.7697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 198, 189) }
```

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

```
.background{ background-color: rgb(159,  
198, 189) }
```

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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