

Converting Colors

XYZ(44.2527, 50.6703, 67.8345)

Have a look what the booklet for
XYZ(44.2527, 50.6703, 67.8345)
contains.

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Color

**XYZ(44.3854, 50.8556,
67.7984)**

Conversions

Conversions Part 1

Format	Color
Hex	99C4D1
RGB	153, 196, 209
RGB Percent	60%, 77%, 82%
CMY	0.4000, 0.2314, 0.1804
CMYK	0.27, 0.06, 0.00, 0.18
HSL	194°, 38%, 71%
HSV	194°, 27%, 82%
XYZ	44.3854, 50.8556, 67.7984
YIQ	184.6250, -29.8010, -5.0730

Conversions

Conversions Part 2

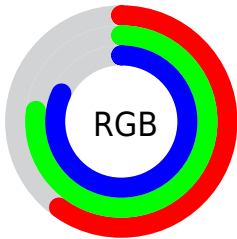
Format	Color
RYB	153, 177, 209
Decimal	10077393
CIELab	76.59, -11.19, -11.14
CIElCh	77, 15.790, 224.895
Yxy	50.8556, 0.2722, 0.3119
Android (android.graphics.Color)	4288267473 (0xFF99C4D1)
YUV	184.6250, 12.0169, -27.7351
Hunter-Lab	71.3131, -13.6992, -6.4487

Details

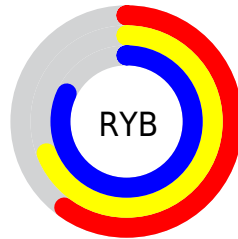
The XYZ color **44.3854, 50.8556, 67.7984** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.6811, 43.1280, 36.0549**, and the grayscale version is **45.8543, 48.2423, 52.5359**.

A 20% lighter version of the original color is **79.1877, 90.8805, 107.9758**, and **20.8449, 24.4219, 34.6256** is the 20% darker color. If you saturate the color by 10%, you get **39.7047, 46.8456, 67.2719**, and if you desaturate by 10%, it is **49.7955, 55.2966, 68.3713**.

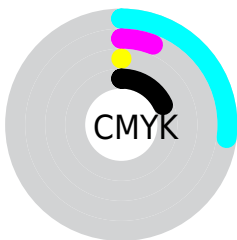
Distribution



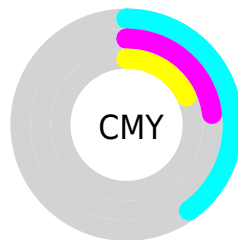
- Red (60%)
- Green (77%)
- Blue (82%)



- Red (60%)
- Yellow (69%)
- Blue (82%)



- Cyan (27%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (40%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3854, 50.8556, 67.7984 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 44.3854, 50.8556, 67.7984 by changing the saturation by 10% instead.

■ 44.3854, 50.8556,
67.7984

■ 44.3854, 50.8556,
67.7984

355.1044,
390.0025, 471.3601

■ 31.1728, 36.0937,
49.2681

■ 81.0401, 91.4413,
117.7152

■ 20.8830, 24.5066,
34.4651

■ 105.2130,
118.0339, 149.9387

■ 13.1504, 15.7098,
22.9709

133.7700,
149.3388, 187.5637

■ 7.6099, 9.3190,
14.3669

167.0764,
185.7405, 231.0088

■ 3.8961, 4.9499,
8.2346

205.4978,
227.6233, 280.6924

■ 1.6435, 2.2179,
4.1555

249.3993,

■ 0.4205, 0.7297,

275.3716, 337.0331

1.7111

299.1464,
329.3699, 400.4495

■ 0.0000, 0.0000,
0.3683

■ 0.0000, 0.0000,
0.0000

■ 44.3854, 50.8556,
67.7984

■ 44.3854, 50.8556,
67.7984

■ 39.7047, 46.8456,
67.2719

■ 49.7955, 55.2966,
68.3713

■ 35.7124, 43.2413,
66.7867

■ 55.9641, 60.1805,
68.9889

■ 32.3704, 40.0237,
66.3418

■ 62.9243, 65.5259,
69.6538

■ 29.6349, 37.1699,
65.9351

■ 70.7059, 71.3486,
70.3676

■ 27.4563, 34.6537,
65.5642

■ 78.4100, 77.1859,
71.0882

■ 25.7769, 32.4448,
65.2264

■ 79.7037, 79.7733,
71.5195

■ 24.5213, 30.5039,
64.9179

■ 81.0347, 82.4353,
71.9631

■ 24.1650, 29.9158,
64.8232

■ 82.4033, 85.1725,
72.4193

■ 83.8097, 87.9854,
72.8881

Harmonies

Analogous

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



43.0017, 50.8556, 59.7048



44.3854, 50.8556, 67.7984



46.8571, 50.8556, 72.7990

Triad

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



44.3854, 50.8556, 67.7984



54.0899, 50.8556, 59.7660



46.8770, 50.8556, 40.9640

Complementary

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



44.3854, 50.8556, 67.7984



45.6811, 43.1280, 36.0549

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.



49.8472, 50.8556, 40.9767



44.3854, 50.8556, 67.7984



54.0957, 50.8556, 51.2561

Square

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



44.3854, 50.8556, 67.7984



52.5001, 50.8556, 67.8472



52.5159, 50.8556, 44.5670



44.3994, 50.8556, 44.5301

Rectangle

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



44.3854, 50.8556, 67.7984



48.8279, 50.8556, 73.4101



52.5159, 50.8556, 44.5670



47.8488, 50.8556, 40.5627

Sweetspot

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



44.3869, 50.8576, 67.7996



86.4471, 93.3502, 108.0699



42.7420, 55.0957, 44.0438



18.1764, 19.7245, 23.0992



0.0000, 0.0000, 0.0000



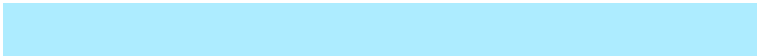
20.3446, 21.4041, 23.3091

Same Dimension

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



44.3869, 50.8576, 67.7996



65.3850, 76.1756, 105.8649



38.8097, 39.7032, 65.9405



11.9161, 12.9224, 15.1099



14.9774, 18.6014, 39.9935



0.8954, 1.1560, 2.2555

Inverse Universe

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



47.6508, 40.3245, 57.4988



71.4095, 57.3604, 86.7108



51.1447, 54.0552, 37.8761



12.1885, 11.9602, 14.2686



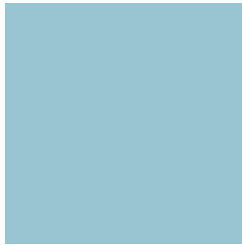
20.1906, 9.9491, 21.7078



1.1582, 0.5680, 1.3678

Previews

White Background



This preview shows how the XYZ color 44.3854, 50.8556, 67.7984 looks on a white background.

Color Contrast Check

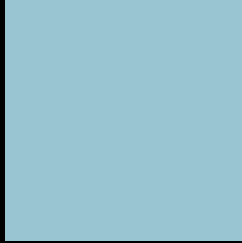
Large Text (above 18pt) WCAG AA × Fail

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 44.3854, 50.8556, 67.7984 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

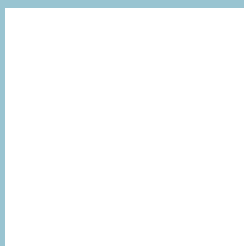
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3854, 50.8556, 67.7984

Background



This preview shows how black text looks on a background with the XYZ color 44.3854, 50.8556, 67.7984.



This preview shows how white text looks on a background with the XYZ color 44.3854, 50.8556,

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

44.3854, 50.8556, 67.7984

Protanopia

49.1629, 50.4651, 64.2763

Deuteranopia

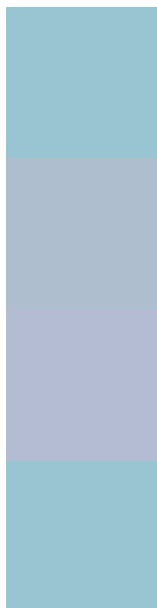
51.5821, 50.3562, 69.2884



Tritanopia

44.6347, 50.9553, 69.1109

Trichromacy



Original Color

44.3854, 50.8556, 67.7984

Protanomaly

47.2332, 50.3971, 65.6307

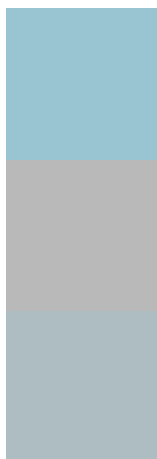
Deuteranomaly

48.5635, 50.3729, 68.7914

Tritanomaly

44.5097, 50.9053, 68.4526

Monochromacy



Original Color

44.3854, 50.8556, 67.7984

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.1688, 49.1745, 58.1499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3854, 50.8556, 67.7984 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(153, 196, 209)` looks like.

```
.text, #text, p{  
    color:rgb(153, 196, 209)  
}
```

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(153, 196, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 196, 209) }
```

Border

The CSS property to change the border of an element to XYZ 44.3854, 50.8556, 67.7984 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(153, 196, 209) }
```


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

```
.border{ border-color:rgb(153, 196, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 196, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 196, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 196, 209);  
box-shadow:4px 4px 4px 4px rgb(153, 196,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3854, 50.8556, 67.7984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 196, 209) }
```

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

```
.background{ background-color: rgb(153,  
196, 209) }
```

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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