

Converting Colors

XYZ(37.7192, 44.3179, 53.5615)

Have a look what the booklet for
XYZ(37.7192, 44.3179, 53.5615)
contains.

XYZ(37.8562, 44.5453, 53.6166)	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(37.8562, 44.5453,
53.6166)**

Conversions

Conversions Part 1

Format	Color
Hex	8FBABB
RGB	143, 186, 187
RGB Percent	56%, 73%, 73%
CMY	0.4392, 0.2706, 0.2667
CMYK	0.24, 0.01, 0.00, 0.27
HSL	181°, 24%, 65%
HSV	181°, 24%, 73%
XYZ	37.8562, 44.5453, 53.6166
YIQ	173.2570, -25.9490, -8.8050

Conversions

Conversions Part 2

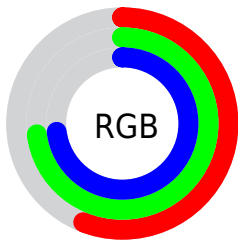
Format	Color
R_{YB}	143, 165, 187
Decimal	9419451
CIE _{Lab}	72.59, -13.98, -5.19
CIE _{LCh}	73, 14.915, 200.365
Yxy	44.5453, 0.2783, 0.3275
Android (android.graphics.Color)	4287609531 (0xFF8FBABB)
YUV	173.2570, 6.7753, -26.5354
Hunter-Lab	66.7423, -15.5538, -0.9103

Details

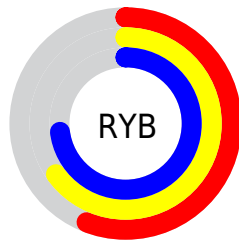
The XYZ color **37.8562, 44.5453, 53.6166** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.4251, 32.4946, 30.3923**, and the grayscale version is **39.8286, 41.9028, 45.6321**.

A 20% lighter version of the original color is **71.2185, 81.9811, 96.8643**, and **17.0050, 20.7204, 25.6574** is the 20% darker color. If you saturate the color by 10%, you get **34.7961, 42.8365, 53.4488**, and if you desaturate by 10%, it is **41.4588, 46.5364, 53.8118**.

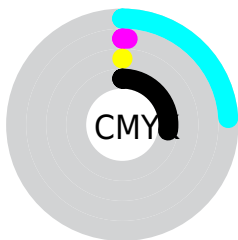
Distribution



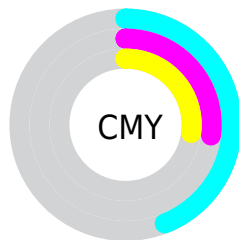
- Red (56%)
- Green (73%)
- Blue (73%)



- Red (56%)
- Yellow (65%)
- Blue (73%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



- Cyan (44%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8562, 44.5453, 53.6166 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 37.8562, 44.5453, 53.6166 by changing the saturation by 10% instead.

■ 37.8562, 44.5453,
53.6166

■ 37.8562, 44.5453,
53.6166

328.2942,
364.9289, 417.7795

■ 26.0478, 31.0994,
37.9041

■ 71.1930, 82.0377,
96.9618

■ 16.9923, 20.6746,
25.6070

■ 93.4521, 106.8529,
125.4316

■ 10.3243, 12.8863,
16.3068

119.9255,
136.2268, 158.9909

■ 5.6784, 7.3503,
9.5848

150.9786,
170.5437, 198.0584

■ 2.6893, 3.6821,
5.0226

186.9766,
210.1879, 243.0524

■ 0.9917, 1.4974,
2.2015

228.2850,

■ 0.0000, 0.2869,

255.5439, 294.3915

0.6753

275.2691,
306.9961, 352.4944

■ 0.0000, 0.0000,
0.0000

■ 37.8562, 44.5453,
53.6166

■ 37.8562, 44.5453,
53.6166

■ 34.7961, 42.8365,
53.4488

■ 41.4588, 46.5364,
53.8118

■ 32.2480, 41.3909,
53.3041

■ 45.6248, 48.8173,
54.0325

■ 30.1840, 40.1952,
53.1821

■ 50.3790, 51.4018,
54.2807

■ 28.5722, 39.2331,
53.0813

■ 55.7433, 54.3012,
54.5576

■ 27.3771, 38.4861,
53.0001

■ 61.7386, 57.5262,
54.8642

■ 26.5574, 37.9331,
52.9366

■ 68.3102, 61.0488,
55.1977

■ 26.0637, 37.5486,
52.8884

■ 68.4013, 61.2309,
55.2281

■ 25.8541, 37.3566,
52.8623

■ 68.4926, 61.4136,
55.2585

■ 68.5842, 61.5967,
55.2890

Harmonies

Analogous

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



37.6338, 44.5453, 46.1629



37.8562, 44.5453, 53.6166



39.2525, 44.5453, 60.2878

Triad

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



37.8562, 44.5453, 53.6166



46.2757, 44.5453, 58.1419



43.1748, 44.5453, 35.7997

Complementary

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



37.8562, 44.5453, 53.6166



35.4251, 32.4946, 30.3923

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.



45.5831, 44.5453, 38.3624



37.8562, 44.5453, 53.6166



47.4208, 44.5453, 50.9194

Square

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



37.8562, 44.5453, 53.6166



44.0890, 44.5453, 63.0789



47.1624, 44.5453, 43.7239



40.6359, 44.5453, 36.3643

Rectangle

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



37.8562, 44.5453, 53.6166



40.6937, 44.5453, 63.1527



47.1624, 44.5453, 43.7239



44.0280, 44.5453, 36.3132

Sweetspot

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



37.8575, 44.5471, 53.6176



78.9193, 85.9047, 96.6232



34.1125, 43.3866, 32.8561



17.2788, 18.8627, 21.2727



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



37.8575, 44.5471, 53.6176



64.9840, 78.2131, 95.8730



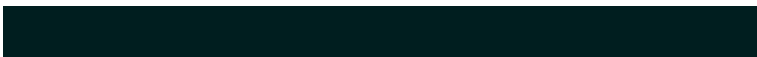
33.6213, 36.0748, 52.2056



9.7895, 10.7714, 12.2353



17.8210, 25.7538, 36.4246



0.7040, 1.0206, 1.4288

Inverse Universe

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



39.1799, 33.7558, 50.9070



67.7553, 55.6898, 90.1719



39.0400, 39.7244, 31.5973



9.9204, 9.6925, 11.9697



19.9960, 9.6296, 31.6022



0.7862, 0.3784, 1.2536

Previews

White Background



This preview shows how the XYZ color 37.8562, 44.5453, 53.6166 looks on a white background.

Color Contrast Check

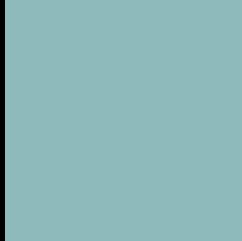
Large Text (above 18pt) WCAG AA × Fail

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 37.8562, 44.5453, 53.6166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

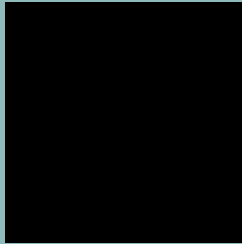
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8562, 44.5453, 53.6166

Background



This preview shows how black text looks on a background with the XYZ color 37.8562, 44.5453, 53.6166.

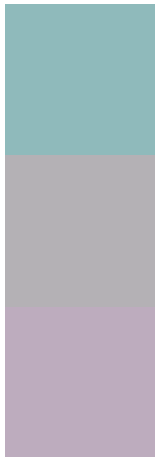


This preview shows how white text looks on a background with the XYZ color 37.8562, 44.5453,

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

37.8562, 44.5453, 53.6166

Protanopia

42.8850, 44.4838, 50.0420

Deuteranopia

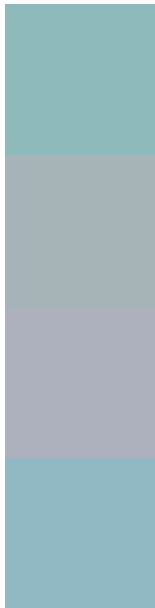
45.0331, 44.0416, 54.8426



Tritanopia

39.1263, 44.4242, 60.5454

Trichromacy



Original Color

37.8562, 44.5453, 53.6166

Protanomaly

40.8049, 44.2769, 51.1954

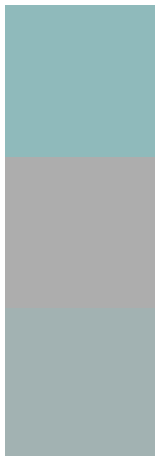
Deuteranomaly

41.9207, 43.8891, 54.4061

Tritanomaly

38.7009, 44.5673, 58.1924

Monochromacy



Original Color

37.8562, 44.5453, 53.6166

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.8566, 42.7365, 48.3205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8562, 44.5453, 53.6166 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, 186, 187)` looks like.

```
.text, #text, p{  
    color:rgb(143, 186, 187)  
}
```

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, 186, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 186, 187) }
```

Border

The CSS property to change the border of an element to XYZ 37.8562, 44.5453, 53.6166 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, 186, 187) }
```


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

```
.border{ border-color:rgb(143, 186, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 186, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 186, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 186, 187);  
box-shadow:4px 4px 4px 4px rgb(143, 186,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8562, 44.5453, 53.6166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 186, 187) }
```

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

```
.background{ background-color: rgb(143,  
186, 187) }
```

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