

Converting Colors

XYZ(38.8688, 44.5406, 47.7469)

Have a look what the booklet for
XYZ(38.8688, 44.5406, 47.7469)
contains.

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Color

**XYZ(38.8816, 44.5837,
47.6305)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB8B0
RGB	157, 184, 176
RGB Percent	62%, 72%, 69%
CMY	0.3843, 0.2784, 0.3098
CMYK	0.15, 0.00, 0.04, 0.28
HSL	162°, 16%, 67%
HSV	162°, 15%, 72%
XYZ	38.8816, 44.5837, 47.6305
YIQ	175.0150, -13.5240, -8.2120

Conversions

Conversions Part 2

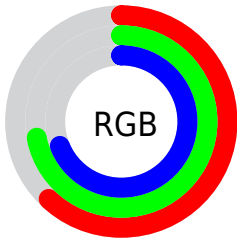
Format	Color
RYB	157, 173, 184
Decimal	10336432
CIELab	72.62, -10.80, 0.96
CIElCh	73, 10.843, 174.897
Yxy	44.5837, 0.2966, 0.3401
Android (android.graphics.Color)	4288526512 (0xFF9DB8B0)
YUV	175.0150, 0.4856, -15.7992
Hunter-Lab	66.7710, -12.9065, 4.4457

Details

The XYZ color **38.8816, 44.5837, 47.6305** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.6173, 37.0221, 40.7100**, and the grayscale version is **40.7589, 42.8816, 46.6980**.

A 20% lighter version of the original color is **72.8770, 82.1434, 88.3582**, and **17.5801, 20.6911, 22.1360** is the 20% darker color. If you saturate the color by 10%, you get **35.0300, 42.6604, 44.6905**, and if you desaturate by 10%, it is **43.2981, 46.7981, 50.7119**.

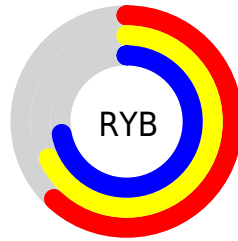
Distribution



Red (62%)

Green (72%)

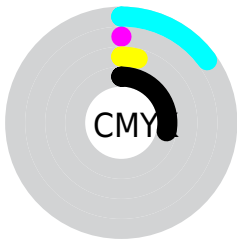
Blue (69%)



Red (62%)

Yellow (68%)

Blue (72%)

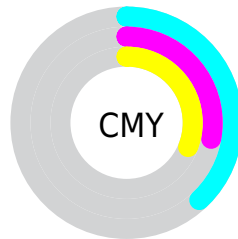


Cyan (15%)

Magenta (0%)

Yellow (4%)

Black (28%)



Cyan (38%)

Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8816, 44.5837, 47.6305 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 38.8816, 44.5837, 47.6305 by changing the saturation by 10% instead.

■ 38.8816, 44.5837,
47.6305

■ 38.8816, 44.5837,
47.6305

332.6027,
365.0849, 393.7920

■ 26.8479, 31.1297,
33.1765

■ 72.7526, 82.0954,
88.0138

■ 17.5951, 20.6976,
21.9894

■ 95.3207, 106.9217,
114.7802

■ 10.7576, 12.9031,
13.6509

122.1310,
136.3077, 146.4877

■ 5.9701, 7.3619,
7.7423

153.5488,
170.6376, 183.5550

■ 2.8674, 3.6894,
3.8451

189.9396,
210.2959, 226.4005

■ 1.0840, 1.5014,
1.5408

231.6685,

■ 0.0117, 0.2897,

255.6670, 275.4428

0.2480

279.1011,
307.1352, 331.1005

■ 0.0000, 0.0000,
0.0000

■ 38.8816, 44.5837,
47.6305

■ 38.8816, 44.5837,
47.6305

■ 35.0300, 42.6604,
44.6905

■ 43.2981, 46.7981,
50.7119

■ 31.7151, 41.0102,
41.8866

■ 48.2986, 49.3098,
53.9342

■ 28.9120, 39.6213,
39.2172

■ 53.9057, 52.1317,
57.3006

■ 26.5924, 38.4793,
36.6796

■ 60.1401, 55.2743,
60.8134

■ 24.7249, 37.5679,
34.2710

■ 67.0210, 58.7477,
64.4746

■ 23.2745, 36.8692,
31.9882

■ 69.8555, 60.1323,
68.0659

■ 22.2007, 36.3624,
29.8280

■ 70.5413, 60.4067,
71.6772

■ 21.4545, 36.0221,
27.7866

■ 71.2504, 60.6903,
75.4113

■ 21.1351, 35.8802,
26.7449

■ 71.9831, 60.9834,
79.2695

Harmonies

Analogous

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



39.4910, 44.5837, 42.8399



38.8816, 44.5837, 47.6305



39.1856, 44.5837, 53.0264

Triad

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



38.8816, 44.5837, 47.6305



43.9130, 44.5837, 58.5355



44.4848, 44.5837, 40.5699

Complementary

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



38.8816, 44.5837, 47.6305



38.6173, 37.0221, 40.7100

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.



45.7340, 44.5837, 44.3217



38.8816, 44.5837, 47.6305



45.3970, 44.5837, 54.7334

Square

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



38.8816, 44.5837, 47.6305



42.0553, 44.5837, 59.5834



46.0726, 44.5837, 49.4692



42.6973, 44.5837, 38.9601

Rectangle

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



38.8816, 44.5837, 47.6305



39.8701, 44.5837, 56.2107



46.0726, 44.5837, 49.4692



44.9837, 44.5837, 41.6083

Sweetspot

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



38.8829, 44.5856, 47.6315



79.0063, 85.0914, 92.2725



38.7656, 44.7274, 38.4890



16.8938, 18.2745, 19.7995



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.8829, 44.5856, 47.6315



67.8343, 79.4951, 84.3788



38.5978, 42.7106, 51.5593



9.1502, 10.1640, 10.9483



14.5977, 24.7400, 18.6011



0.5404, 0.8825, 0.7914

Inverse Universe

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



38.6173, 37.0221, 40.7100



67.2495, 62.8234, 69.1251



38.8453, 38.6078, 37.3036



9.1112, 9.0549, 9.9330



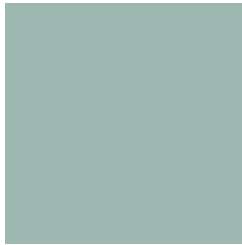
14.1185, 7.2212, 3.2449



0.5258, 0.2658, 0.2623

Previews

White Background



This preview shows how the XYZ color 38.8816, 44.5837, 47.6305 looks on a white background.

Color Contrast Check

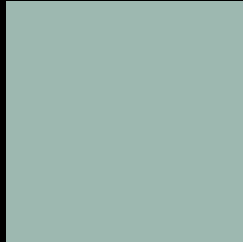
Large Text (above 18pt) WCAG AA × Fail

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 38.8816, 44.5837, 47.6305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

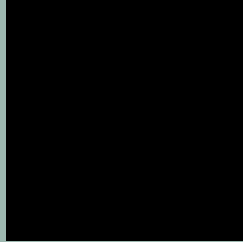
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8816, 44.5837, 47.6305

Background



This preview shows how black text looks on a background with the XYZ color 38.8816, 44.5837, 47.6305.



This preview shows how white text looks on a background with the XYZ color 38.8816, 44.5837,

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

38.8816, 44.5837, 47.6305

Protanopia

42.4599, 44.3679, 45.3557

Deuteranopia

45.2941, 44.3215, 48.2871



Tritanopia

40.8714, 44.4615, 58.0575

Trichromacy



Original Color

38.8816, 44.5837, 47.6305

Protanomaly

41.0977, 44.5439, 45.9669

Deuteranomaly

42.5172, 44.0487, 47.8563

Tritanomaly

40.1031, 44.4577, 54.0445

Monochromacy



Original Color

38.8816, 44.5837, 47.6305

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.8067, 43.2608, 46.8096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8816, 44.5837, 47.6305 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(157, 184, 176)` looks like.

```
.text, #text, p{  
    color:rgb(157, 184, 176)  
}
```

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(157, 184, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 184, 176) }
```

Border

The CSS property to change the border of an element to XYZ 38.8816, 44.5837, 47.6305 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(157, 184, 176) }
```


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

```
.border{ border-color:rgb(157, 184, 176) }
```

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

Here you see how a box with a 4 pixel rgb(157, 184, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 184, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 184, 176);  
box-shadow:4px 4px 4px 4px rgb(157, 184,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8816, 44.5837, 47.6305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 184, 176) }
```

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

```
.background{ background-color: rgb(157,  
184, 176) }
```

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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