

Converting Colors

XYZ(37.8962, 44.7372, 48.1512)

Have a look what the booklet for
XYZ(37.8962, 44.7372, 48.1512)
contains.

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Color

**XYZ(37.8891, 44.6817,
48.2224)**

Conversions

Conversions Part 1

Format	Color
Hex	95BAB1
RGB	149, 186, 177
RGB Percent	58%, 73%, 69%
CMY	0.4157, 0.2706, 0.3059
CMYK	0.20, 0.00, 0.05, 0.27
HSL	165°, 21%, 66%
HSV	165°, 20%, 73%
XYZ	37.8891, 44.6817, 48.2224
YIQ	173.9110, -19.1630, -10.6430

Conversions

Conversions Part 2

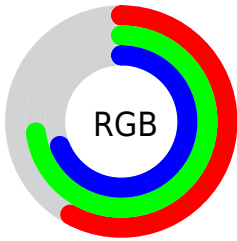
Format	Color
R_{YB}	149, 170, 186
Decimal	9812657
CIE _{Lab}	72.68, -14.27, 0.45
CIE _{LCh}	73, 14.273, 178.193
Yxy	44.6817, 0.2897, 0.3416
Android (android.graphics.Color)	4288002737 (0xFF95BAB1)
YUV	173.9110, 1.5229, -21.8469
Hunter-Lab	66.8444, -15.7993, 4.0185

Details

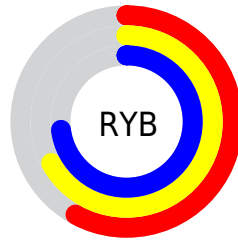
The XYZ color **37.8891, 44.6817, 48.2224** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.1702, 34.4037, 37.0311**, and the grayscale version is **40.1869, 42.2797, 46.0426**.

A 20% lighter version of the original color is **71.3620, 82.2248, 89.2006**, and **16.9554, 20.7717, 22.1845** is the 20% darker color. If you saturate the color by 10%, you get **34.3195, 42.8940, 45.7403**, and if you desaturate by 10%, it is **42.0182, 46.7585, 50.8107**.

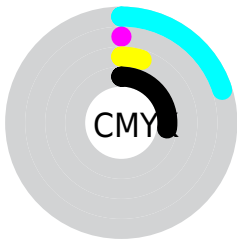
Distribution



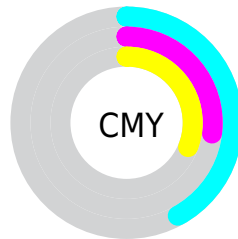
- Red (58%)
- Green (73%)
- Blue (69%)



- Red (58%)
- Yellow (67%)
- Blue (73%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)





- Cyan (42%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.8891, 44.6817, 48.2224 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 37.8891, 44.6817, 48.2224 by changing the saturation by 10% instead.


 37.8891, 44.6817,
48.2224


 37.8891, 44.6817,
48.2224


328.4331,
365.4829, 396.2071

 26.0735, 31.2068,
33.6418


 71.2431, 82.2426,
88.9044

 17.0116, 20.7564,
22.3434


 93.5122, 107.0973,
115.8430

 10.3381, 12.9460,
13.9087


119.9965,
136.5141, 147.7379

 5.6877, 7.3914,
7.9192

151.0613,
170.8774, 185.0077

 2.6950, 3.7081,
3.9563

187.0720,
210.5715, 228.0710

 0.9946, 1.5116,
1.6014

228.3940,

 0.0000, 0.2969,

255.9808, 277.3463

0.2918

275.3925,
307.4899, 333.2522

■ 0.0000, 0.0000,
0.0000

■ 37.8891, 44.6817,
48.2224

■ 37.8891, 44.6817,
48.2224

■ 34.3195, 42.8940,
45.7403

■ 42.0182, 46.7585,
50.8107

■ 31.2798, 41.3765,
43.3594

■ 46.7271, 49.1313,
53.5040

■ 28.7432, 40.1167,
41.0787

■ 52.0397, 51.8136,
56.3051

■ 26.6795, 39.0990,
38.8959

■ 57.9775, 54.8163,
59.2158

■ 25.0545, 38.3058,
36.8087

■ 64.5608, 58.1501,
62.2376

■ 23.8299, 37.7173,
34.8145

■ 69.7173, 60.7465,
65.2744

■ 22.9602, 37.3102,
32.9104

■ 70.2687, 60.9671,
68.1780

■ 22.3549, 37.0378,
31.0912

■ 70.8360, 61.1940,
71.1654

■ 22.3488, 37.0351,
31.0723

■ 71.4194, 61.4273,
74.2373

Harmonies

Analogous

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



38.5528, 44.6817, 41.8176



37.8891, 44.6817, 48.2224



38.4123, 44.6817, 55.3754

Triad

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



37.8891, 44.6817, 48.2224



44.7560, 44.6817, 61.6735



45.0256, 44.6817, 37.9669

Complementary

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



37.8891, 44.6817, 48.2224



37.1702, 34.4037, 37.0311

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.



46.8009, 44.6817, 42.4939



37.8891, 44.6817, 48.2224



46.6410, 44.6817, 56.1906

Square

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



37.8891, 44.6817, 48.2224



42.3188, 44.6817, 63.5780



47.4030, 44.6817, 49.0817



42.6188, 44.6817, 36.2645

Rectangle

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



37.8891, 44.6817, 48.2224



39.3757, 44.6817, 59.5290



47.4030, 44.6817, 49.0817



45.7194, 44.6817, 39.1857

Sweetspot

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



37.8904, 44.6836, 48.2234



79.2689, 86.3157, 93.9224



37.1349, 44.5841, 35.0828



17.3357, 18.9474, 20.6134



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.



37.8904, 44.6836, 48.2234



65.6382, 79.4644, 85.3536



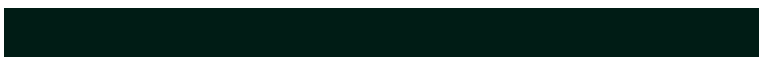
36.9315, 41.2820, 52.4783



9.1707, 10.1723, 11.0565



15.0656, 24.9272, 21.0651



0.5539, 0.8879, 0.8627

Inverse Universe

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



37.1702, 34.4037, 37.0311



64.0897, 57.3372, 61.2699



37.9455, 37.1494, 33.6050



9.0918, 9.0471, 9.8309



13.9707, 7.1621, 2.4667



0.5176, 0.2625, 0.2194

Previews

White Background



This preview shows how the XYZ color 37.8891, 44.6817, 48.2224 looks on a white background.

Color Contrast Check

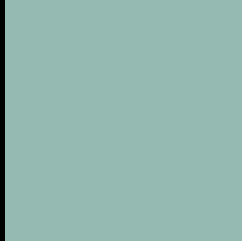
Large Text (above 18pt) WCAG AA × Fail

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 37.8891, 44.6817, 48.2224 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 37.8891, 44.6817, 48.2224

Background



This preview shows how black text looks on a background with the XYZ color 37.8891, 44.6817, 48.2224.



This preview shows how white text looks on a background with the XYZ color 37.8891, 44.6817,

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

37.8891, 44.6817, 48.2224

Protanopia

42.4599, 44.3679, 45.3557

Deuteranopia

45.2389, 44.2697, 49.3406



Tritanopia

40.2634, 44.7165, 59.9351

Trichromacy



Original Color

37.8891, 44.6817, 48.2224

Protanomaly

40.5388, 44.2446, 46.4478

Deuteranomaly

42.2189, 44.1639, 48.9471

Tritanomaly

39.3836, 44.6741, 55.2624

Monochromacy



Original Color

37.8891, 44.6817, 48.2224

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.1753, 42.9353, 46.7800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8891, 44.6817, 48.2224 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(149, 186, 177)` looks like.

```
.text, #text, p{  
    color:rgb(149, 186, 177)  
}
```

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(149, 186, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 186, 177) }
```

Border

The CSS property to change the border of an element to XYZ 37.8891, 44.6817, 48.2224 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(149, 186, 177) }
```


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

```
.border{ border-color:rgb(149, 186, 177) }
```

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

Here you see how a box with a 4 pixel rgb(149, 186, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 186, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 186, 177);  
box-shadow:4px 4px 4px 4px rgb(149, 186,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8891, 44.6817, 48.2224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 186, 177) }
```

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

```
.background{ background-color: rgb(149,  
186, 177) }
```

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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