

Converting Colors

XYZ(37.5608, 44.4212, 52.2970)

Have a look what the booklet for
XYZ(37.5608, 44.4212, 52.2970)
contains.

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Color

**XYZ(37.6436, 44.4602,
52.4966)**

Conversions

Conversions Part 1

Format	Color
Hex	8FBAB9
RGB	143, 186, 185
RGB Percent	56%, 73%, 73%
CMY	0.4392, 0.2706, 0.2745
CMYK	0.23, 0.00, 0.01, 0.27
HSL	179°, 24%, 65%
HSV	179°, 23%, 73%
XYZ	37.6436, 44.4602, 52.4966
YIQ	173.0290, -25.3070, -9.4270

Conversions

Conversions Part 2

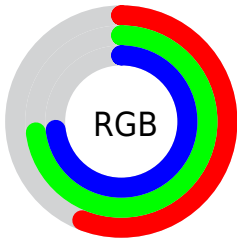
Format	Color
RYB	143, 165, 186
Decimal	9419449
CIELab	72.54, -14.43, -4.18
CIELCh	73, 15.023, 196.157
Yxy	44.4602, 0.2797, 0.3303
Android (android.graphics.Color)	4287609529 (0xFF8FBAB9)
YUV	173.0290, 5.9017, -26.3354
Hunter-Lab	66.6785, -15.9145, -0.0046

Details

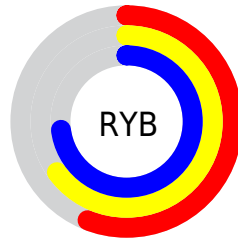
The XYZ color **37.6436, 44.4602, 52.4966** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.1078, 32.0990, 30.7328**, and the grayscale version is **39.7164, 41.7848, 45.5036**.

A 20% lighter version of the original color is **70.9180, 81.8609, 95.2820**, and **16.8668, 20.6651, 24.9296** is the 20% darker color. If you saturate the color by 10%, you get **34.6415, 42.9190, 52.1185**, and if you desaturate by 10%, it is **41.1824, 46.2803, 52.9024**.

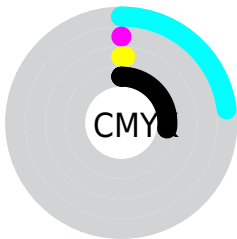
Distribution



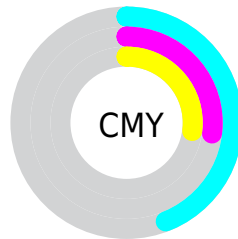
- Red (56%)
- Green (73%)
- Blue (73%)



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



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6436, 44.4602, 52.4966 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 37.6436, 44.4602, 52.4966 by changing the saturation by 10% instead.

■ 37.6436, 44.4602,
52.4966

■ 37.6436, 44.4602,
52.4966

327.3960,
364.5829, 413.3622

■ 25.8821, 31.0325,
37.0161

■ 70.8690, 81.9098,
95.2972

■ 16.8677, 20.6236,
24.9241

■ 93.0636, 106.7004,
123.4544

■ 10.2349, 12.8491,
15.8020

119.4667,
136.0475, 156.6743

■ 5.6185, 7.3247,
9.2313

150.4435,
170.3354, 195.3753

■ 2.6529, 3.6660,
4.7935

186.3595,
209.9485, 239.9761

■ 0.9730, 1.4885,
2.0700

227.5800,

■ 0.0000, 0.2806,

255.2711, 290.8951

0.5978

274.4704,
306.6878, 348.5510

■ 0.0000, 0.0000,
0.0000

■ 37.6436, 44.4602,
52.4966

■ 37.6436, 44.4602,
52.4966

■ 34.6415, 42.9190,
52.1185

■ 41.1824, 46.2803,
52.9024

■ 32.1458, 41.6377,
51.7639

■ 45.2783, 48.3866,
53.3342

■ 30.1294, 40.6034,
51.4324

■ 49.9558, 50.7926,
53.7938

■ 28.5608, 39.8000,
51.1226

■ 55.2365, 53.5095,
54.2824

■ 27.4050, 39.2094,
50.8329

■ 61.1409, 56.5480,
54.8009

■ 26.6218, 38.8108,
50.5613

■ 67.6887, 59.9181,
55.3503

■ 26.1628, 38.5794,
50.3056

■ 67.8806, 60.0117,
55.6030

■ 25.9689, 38.4830,
50.1358

■ 67.9275, 60.0304,
55.8496

■ 67.9744, 60.0492,
56.0969

Harmonies

Analogous

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



37.5953, 44.4602, 45.0697



37.6436, 44.4602, 52.4966



38.8946, 44.4602, 59.4669

Triad

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



37.6436, 44.4602, 52.4966



45.9606, 44.4602, 59.0002



43.4635, 44.4602, 35.8160

Complementary

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



37.6436, 44.4602, 52.4966



35.1078, 32.0990, 30.7328

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.



45.8101, 44.4602, 38.8157



37.6436, 44.4602, 52.4966



47.2912, 44.4602, 51.9105

Square

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



37.6436, 44.4602, 52.4966



43.6620, 44.4602, 63.4762



47.2351, 44.4602, 44.5404



40.8846, 44.4602, 35.9383

Rectangle

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



37.6436, 44.4602, 52.4966



40.2726, 44.4602, 62.6944



47.2351, 44.4602, 44.5404



44.3077, 44.4602, 36.4783

Sweetspot

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



37.6449, 44.4620, 52.4976



78.9744, 86.1099, 96.3486



34.0957, 43.0712, 32.5042



17.2920, 18.9117, 21.2071



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.



37.6449, 44.4620, 52.4976



65.2037, 79.0313, 94.7782



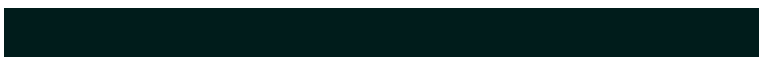
33.8161, 36.6345, 51.7452



9.2574, 10.2069, 11.5128



17.4744, 25.8907, 33.7498



0.6189, 0.9139, 1.2049

Inverse Universe

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



35.1078, 32.0990, 30.7328



59.7577, 52.4908, 48.0569



38.3183, 38.6419, 31.4267



9.0129, 9.0155, 9.4152



13.6432, 7.0311, 0.7422



0.4838, 0.2490, 0.0413

Previews

White Background



This preview shows how the XYZ color 37.6436, 44.4602, 52.4966 looks on a white background.

Color Contrast Check

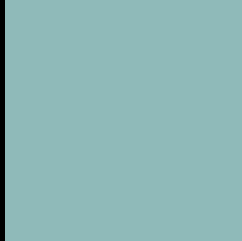
Large Text (above 18pt) WCAG AA × Fail

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 37.6436, 44.4602, 52.4966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

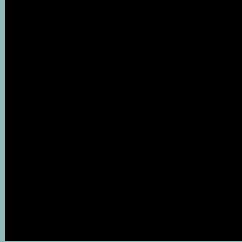
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

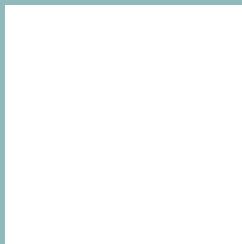
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.6436, 44.4602, 52.4966

Background



This preview shows how black text looks on a background with the XYZ color 37.6436, 44.4602, 52.4966.

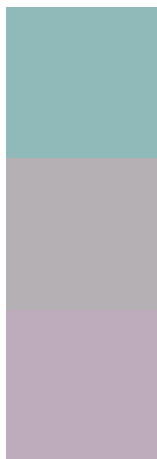


This preview shows how white text looks on a background with the XYZ color 37.6436, 44.4602,

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

37.6436, 44.4602, 52.4966

Protanopia

42.4844, 44.0086, 48.9032

Deuteranopia

45.0648, 44.0830, 53.7107



Tritanopia

39.3034, 44.5155, 60.5537

Trichromacy



Original Color

37.6436, 44.4602, 52.4966

Protanomaly

40.5981, 44.1942, 50.1066

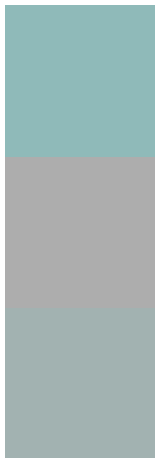
Deuteranomaly

41.9254, 43.9164, 53.2807

Tritanomaly

38.7636, 44.6127, 57.6070

Monochromacy



Original Color

37.6436, 44.4602, 52.4966

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.7565, 42.6965, 47.7935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6436, 44.4602, 52.4966 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(143, 186, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 186, 185) }
```

Border

The CSS property to change the border of an element to XYZ 37.6436, 44.4602, 52.4966 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, 185) }
```


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

```
.border{ border-color:rgb(143, 186, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(143, 186,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6436, 44.4602, 52.4966 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, 185) }
```

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

```
.background{ background-color: rgb(143,  
186, 185) }
```

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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