

Converting Colors

XYZ(37.5536, 44.2756, 44.5970)

Have a look what the booklet for
XYZ(37.5536, 44.2756, 44.5970)
contains.

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Color

**XYZ(37.5536, 44.2756,
44.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	98B9AA
RGB	152, 185, 170
RGB Percent	60%, 73%, 67%
CMY	0.4039, 0.2745, 0.3333
CMYK	0.18, 0.00, 0.08, 0.27
HSL	153°, 19%, 66%
HSV	153°, 18%, 73%
XYZ	37.5536, 44.2756, 44.5970
YIQ	173.4230, -14.8530, -11.6610

Conversions

Conversions Part 2

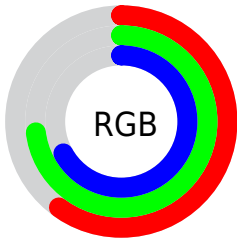
Format	Color
RYB	152, 173, 185
Decimal	10009002
CIELab	72.41, -14.19, 3.91
CIELCh	72, 14.721, 164.614
Yxy	44.2756, 0.2970, 0.3502
Android (android.graphics.Color)	4288199082 (0xFF98B9AA)
YUV	173.4230, -1.6875, -18.7880
Hunter-Lab	66.5399, -15.7035, 6.8400

Details

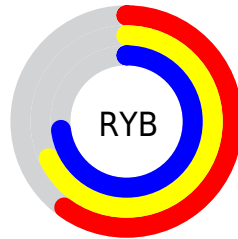
The XYZ color **37.5536, 44.2756, 44.5970** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.2125, 35.5620, 41.4114**, and the grayscale version is **39.9513, 42.0318, 45.7727**.

A 20% lighter version of the original color is **70.7780, 81.6122, 83.2565**, and **16.8881, 20.5772, 20.2212** is the 20% darker color. If you saturate the color by 10%, you get **33.5873, 42.3211, 40.3908**, and if you desaturate by 10%, it is **42.1134, 46.5326, 49.0985**.

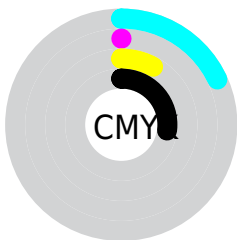
Distribution



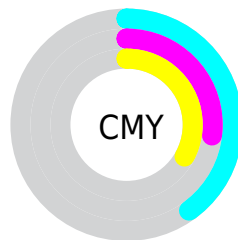
- Red (60%)
- Green (73%)
- Blue (67%)



- Red (60%)
- Yellow (68%)
- Blue (73%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)





- Cyan (40%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5536, 44.2756, 44.5970 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 37.5536, 44.2756, 44.5970 by changing the saturation by 10% instead.


 37.5536, 44.2756,
44.5970


 37.5536, 44.2756,
44.5970


327.0152,
363.8317, 381.2514

 25.8120, 30.8872,
30.7995


 70.7317, 81.6323,
83.4274

 16.8150, 20.5130,
20.1890


 92.8990, 106.3694,
109.2973

 10.1972, 12.7685,
12.3471

119.2722,
135.6582, 140.0284

 5.5932, 7.2693,
6.8551

150.2168,
169.8832, 176.0393

 2.6376, 3.6311,
3.2946

186.0980,
209.4286, 217.7485

 0.9652, 1.4694,
1.2469

227.2812,

 0.0000, 0.2671,

254.6789, 265.5746

0.0177

274.1319,
306.0185, 319.9360

■ 0.0000, 0.0000,
0.0000

■ 37.5536, 44.2756,
44.5970

■ 37.5536, 44.2756,
44.5970

■ 33.5873, 42.3211,
40.3908

■ 42.1134, 46.5326,
49.0985

■ 30.1849, 40.6504,
36.4709

■ 47.2872, 49.0989,
53.8984

■ 27.3197, 39.2509,
32.8319

■ 53.0992, 51.9881,
59.0033

■ 24.9613, 38.1071,
29.4671

■ 59.5710, 55.2113,
64.4189

■ 23.0762, 37.2019,
26.3696

■ 66.7233, 58.7790,
70.1505

■ 21.6266, 36.5159,
23.5320

■ 71.5693, 61.1514,
76.0627

■ 20.5682, 36.0264,
20.9465

■ 72.7148, 61.6095,
82.0945

■ 19.8340, 35.6990,
18.6038

■ 73.9171, 62.0905,
88.4259

■ 19.6940, 35.6372,
18.1277

■ 75.1771, 62.5945,
95.0610

Harmonies

Analogous

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



38.7496, 44.2756, 38.9341



37.5536, 44.2756, 44.5970



37.5378, 44.2756, 51.8189

Triad

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



37.5536, 44.2756, 44.5970



43.3251, 44.2756, 63.0257



45.6505, 44.2756, 39.0497

Complementary

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



37.5536, 44.2756, 44.5970



38.2125, 35.5620, 41.4114

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.



46.9802, 44.2756, 44.7700



37.5536, 44.2756, 44.5970



45.6015, 44.2756, 58.8501

Square

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



37.5536, 44.2756, 44.5970



40.8019, 44.2756, 62.9675



46.9619, 44.2756, 52.0101



43.3899, 44.2756, 35.9574

Rectangle

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



37.5536, 44.2756, 44.5970



38.1953, 44.2756, 56.5854



46.9619, 44.2756, 52.0101



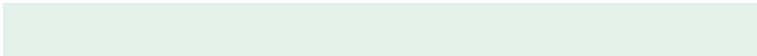
46.2252, 44.2756, 40.7022

Sweetspot

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



37.5548, 44.2775, 44.5980



77.8639, 84.5461, 90.2468



39.0390, 45.2260, 36.3785



16.6510, 18.1595, 19.3283



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.



37.5548, 44.2775, 44.5980



64.6489, 78.0092, 77.1711



38.8271, 44.4195, 52.4285



9.0897, 10.1399, 10.6298



13.4464, 24.2795, 12.5385



0.5048, 0.8682, 0.6042

Inverse Universe

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



38.2125, 35.5620, 41.4114



66.0239, 59.7902, 70.5108



37.0841, 35.3976, 34.5844



9.1698, 9.0783, 10.2416



14.7515, 7.4743, 6.5780



0.5513, 0.2760, 0.3966

Previews

White Background



This preview shows how the XYZ color 37.5536, 44.2756, 44.5970 looks on a white background.

Color Contrast Check

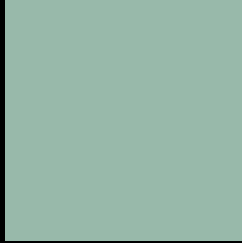
Large Text (above 18pt) WCAG AA × Fail

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 37.5536, 44.2756, 44.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

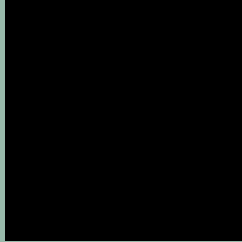
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

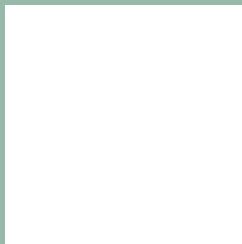
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.5536, 44.2756, 44.5970

Background



This preview shows how black text looks on a background with the XYZ color 37.5536, 44.2756, 44.5970.



This preview shows how white text looks on a background with the XYZ color 37.5536, 44.2756,

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

37.5536, 44.2756, 44.5970

Protanopia

42.0421, 44.2282, 41.9183

Deuteranopia

44.8707, 43.8787, 45.6397



Tritanopia

40.3923, 44.2014, 58.6274

Trichromacy



Original Color

37.5536, 44.2756, 44.5970

Protanomaly

40.3096, 44.2032, 42.9667

Deuteranomaly

41.7941, 43.7325, 45.2682

Tritanomaly

39.2152, 44.0123, 53.4421

Monochromacy



Original Color

37.5536, 44.2756, 44.5970

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.6856, 42.4222, 45.1791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5536, 44.2756, 44.5970 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(152, 185, 170)` looks like.

```
.text, #text, p{  
    color:rgb(152, 185, 170)  
}
```

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(152, 185, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 185, 170) }
```

Border

The CSS property to change the border of an element to XYZ 37.5536, 44.2756, 44.5970 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(152, 185, 170) }
```


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

```
.border{ border-color:rgb(152, 185, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 185, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 185, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 185, 170);  
box-shadow:4px 4px 4px 4px rgb(152, 185,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5536, 44.2756, 44.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 185, 170) }
```

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

```
.background{ background-color: rgb(152,  
185, 170) }
```

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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