

Converting Colors

XYZ(23.6615, 24.3874, 23.6706)

Have a look what the booklet for
XYZ(23.6615, 24.3874, 23.6706)
contains.

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Color

**XYZ(23.6836, 24.4221,
23.5444)**

Conversions

Conversions Part 1

Format	Color
Hex	8F867F
RGB	143, 134, 127
RGB Percent	56%, 53%, 50%
CMY	0.4392, 0.4745, 0.5020
CMYK	0.00, 0.06, 0.11, 0.44
HSL	26°, 7%, 53%
HSV	26°, 11%, 56%
XYZ	23.6836, 24.4221, 23.5444
YIQ	135.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

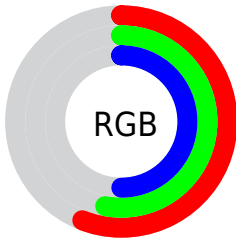
Format	Color
R_{YB}	143, 139, 127
Decimal	9406079
CIE _{Lab}	56.51, 2.10, 4.97
CIE _{LCh}	57, 5.396, 67.092
Yxy	24.4221, 0.3305, 0.3409
Android (android.graphics.Color)	4287596159 (0xFF8F867F)
YUV	135.8930, -4.3842, 6.2328
Hunter-Lab	49.4187, -0.9378, 6.3458

Details

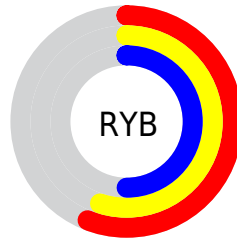
The XYZ color **23.6836, 24.4221, 23.5444** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.5146, 24.1033, 29.4528**, and the grayscale version is **23.3761, 24.5935, 26.7823**.

A 20% lighter version of the original color is **49.0345, 50.7063, 50.3829**, and **9.0597, 9.2179, 8.5095** is the 20% darker color. If you saturate the color by 10%, you get **21.7476, 21.9371, 18.6228**, and if you desaturate by 10%, it is **25.8378, 27.1313, 29.1921**.

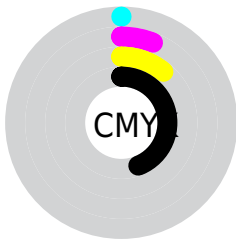
Distribution



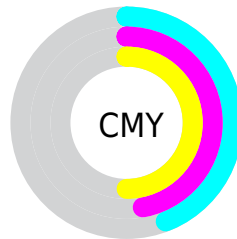
- Red (56%)
- Green (53%)
- Blue (50%)



- Red (56%)
- Yellow (55%)
- Blue (50%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (44%)



- Cyan (44%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6836, 24.4221, 23.5444 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 23.6836, 24.4221, 23.5444 by changing the saturation by 10% instead.

■ 23.6836, 24.4221,
23.5444

■ 23.6836, 24.4221,
23.5444

263.6872,
274.9476, 283.7210

■ 15.2225, 15.6470,
14.7869

■ 48.9718, 50.7181,
50.2202

■ 9.0631, 9.2747,
8.5250

■ 66.5297, 69.0079,
68.9756

■ 4.8398, 4.9208,
4.3401

■ 87.8506, 91.2380,
91.9007

■ 2.1873, 2.2009,
1.8137

113.2998,
117.7928, 119.4140

■ 0.7361, 0.7205,
0.4370

143.2427,
149.0568, 151.9342

■ 0.0000, 0.0000,
0.0000

178.0447,

185.4144, 189.8797

218.0711,
227.2498, 233.6691

■ 23.6836, 24.4221,
23.5444

■ 23.6836, 24.4221,
23.5444

■ 21.7476, 21.9371,
18.6228

■ 25.8378, 27.1313,
29.1921

■ 20.0204, 19.6671,
14.3957

■ 28.2152, 30.0670,
35.5922

■ 18.4948, 17.6069,
10.8319

■ 30.8231, 33.2360,
42.7720

■ 17.1623, 15.7499,
7.8969

■ 33.6681, 36.6435,
50.7567

■ 16.0139, 14.0892,
5.5531

■ 36.7561, 40.2945,
59.5704

■ 15.0396, 12.6173,
3.7589

■ 40.0931, 44.1940,
69.2362

■ 14.2284, 11.3261,
2.4671

■ 43.6848, 48.3469,
79.7763

■ 13.5674, 10.2067,
1.6224

■ 47.5367, 52.7577,
91.2121

■ 13.0823, 9.3486,
1.1150

■ 51.5408, 57.3857,
102.9678

Harmonies

Analogous

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



24.1847, 24.4221, 24.5686



23.6836, 24.4221, 23.5444



23.0644, 24.4221, 23.3190

Triad

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



23.6836, 24.4221, 23.5444



22.0398, 24.4221, 27.0189



23.9451, 24.4221, 29.4336

Complementary

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



23.6836, 24.4221, 23.5444



22.5146, 24.1033, 29.4528

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.



23.3612, 24.4221, 30.1567



23.6836, 24.4221, 23.5444



22.2666, 24.4221, 28.7225

Square

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



23.6836, 24.4221, 23.5444



22.1226, 24.4221, 25.2737



22.7476, 24.4221, 29.8908



24.3376, 24.4221, 27.9544

Rectangle

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



23.6836, 24.4221, 23.5444



22.6693, 24.4221, 23.6425



22.7476, 24.4221, 29.8908



23.7643, 24.4221, 29.7761

Sweetspot

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



23.6843, 24.4232, 23.5449



45.5176, 47.6472, 50.2805



23.3662, 22.7983, 26.4868



10.3690, 10.8401, 11.3477



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.6843, 24.4232, 23.5449



41.6591, 42.7762, 40.2203



24.8220, 26.6986, 23.9242



5.5909, 5.7881, 5.7119



11.5873, 8.3063, 0.9926



0.1321, 0.1220, 0.0166

Inverse Universe

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



22.5146, 24.1033, 29.4528



39.2082, 42.1059, 52.5988



21.4386, 21.9514, 29.0941



5.3653, 5.7264, 6.8513



6.9684, 6.9229, 23.9461



0.0886, 0.1102, 0.2363

Previews

White Background



This preview shows how the XYZ color 23.6836, 24.4221, 23.5444 looks on a white background.

Color Contrast Check

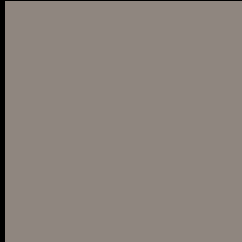
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6836, 24.4221, 23.5444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

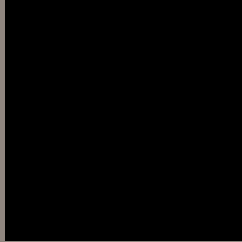
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.6836, 24.4221, 23.5444

Background



This preview shows how black text looks on a background with the XYZ color 23.6836, 24.4221, 23.5444.



This preview shows how white text looks on a background with the XYZ color 23.6836, 24.4221,

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

23.6836, 24.4221, 23.5444

Protanopia

23.3755, 24.4619, 23.9117

Deuteranopia

24.9615, 24.4665, 23.8290



Tritanopia

24.8108, 24.4753, 29.0077

Trichromacy



Original Color

23.6836, 24.4221, 23.5444

Protanomaly

23.5448, 24.5492, 23.9196

Deuteranomaly

24.5420, 24.4506, 23.8480

Tritanomaly

24.4045, 24.5105, 27.1117

Monochromacy



Original Color

23.6836, 24.4221, 23.5444

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.5451, 24.5104, 25.6803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6836, 24.4221, 23.5444 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, 134, 127) looks like.

```
.text, #text, p{  
    color:rgb(143, 134, 127)  
}
```

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, 134, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 134, 127) }
```

Border

The CSS property to change the border of an element to XYZ 23.6836, 24.4221, 23.5444 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, 134, 127) }
```


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

```
.border{ border-color:rgb(143, 134, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 134, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 134, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 134, 127);  
box-shadow:4px 4px 4px 4px rgb(143, 134,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6836, 24.4221, 23.5444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 134, 127) }
```

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

```
.background{ background-color: rgb(143,  
134, 127) }
```

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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