

Converting Colors

XYZ(23.4422, 23.7434, 24.3604)

Have a look what the booklet for
XYZ(23.4422, 23.7434, 24.3604)
contains.

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Color

**XYZ(23.4733, 23.6839,
24.4534)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8382
RGB	143, 131, 130
RGB Percent	56%, 51%, 51%
CMY	0.4392, 0.4863, 0.4902
CMYK	0.00, 0.08, 0.09, 0.44
HSL	5°, 5%, 54%
HSV	5°, 9%, 56%
XYZ	23.4733, 23.6839, 24.4534
YIQ	134.4740, 7.4730, 2.2330

Conversions

Conversions Part 2

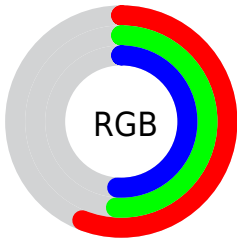
Format	Color
R _Y B	143, 131, 130
Decimal	9405314
CIE Lab	55.77, 4.35, 2.17
CIE LCh	56, 4.860, 26.548
Yxy	23.6839, 0.3278, 0.3307
Android (android.graphics.Color)	4287595394 (0xFF8F8382)
YUV	134.4740, -2.2057, 4.2773
Hunter-Lab	48.6661, 0.9309, 4.2747

Details

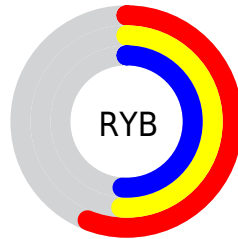
The XYZ color **23.4733, 23.6839, 24.4534** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.8370, 26.0748, 29.7637**, and the grayscale version is **22.8410, 24.0305, 26.1692**.

A 20% lighter version of the original color is **48.7137, 49.5702, 51.8003**, and **9.0167, 8.9558, 9.0380** is the 20% darker color. If you saturate the color by 10%, you get **20.9185, 20.0048, 19.1907**, and if you desaturate by 10%, it is **26.3887, 27.8700, 30.4950**.

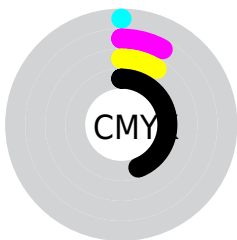
Distribution



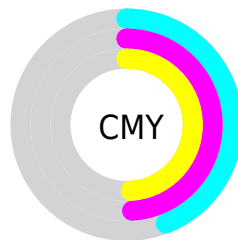
- Red (56%)
- Green (51%)
- Blue (51%)



- Red (56%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (44%)



- Cyan (44%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4733, 23.6839, 24.4534 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 23.4733, 23.6839, 24.4534 by changing the saturation by 10% instead.

■ 23.4733, 23.6839,
24.4534

■ 23.4733, 23.6839,
24.4534

262.6369,
271.2185, 288.4648

■ 15.0660, 15.0993,
15.4550

■ 48.6303, 49.5139,
51.7222

■ 8.9523, 8.8891,
8.9892

■ 66.1107, 67.5280,
70.8296

■ 4.7670, 4.6689,
4.6374

■ 87.3461, 89.4542,
94.1437

■ 2.1445, 2.0543,
1.9811

112.7020,
115.6767, 122.0832

■ 0.7133, 0.6388,
0.5436

142.5437,
146.5800, 155.0665

■ 0.0000, 0.0000,
0.0000

177.2365,

182.5485, 193.5122

217.1458,
223.9665, 237.8388

■ 23.4733, 23.6839,
24.4534

■ 23.4733, 23.6839,
24.4534

■ 20.9185, 20.0048,
19.1907

■ 26.3887, 27.8700,
30.4950

■ 18.7083, 16.8106,
14.6739

■ 29.6759, 32.5782,
37.3439

■ 16.8285, 14.0820,
10.8695

■ 33.3480, 37.8267,
45.0288

■ 15.2634, 11.7971,
7.7413

■ 37.4169, 43.6318,
53.5766

■ 13.9955, 9.9326,
5.2496

■ 41.8941, 50.0093,
63.0129

■ 13.0061, 8.4628,
3.3506

■ 46.7904, 56.9743,
73.3625

■ 12.2740, 7.3591,
1.9952

■ 52.1165, 64.5413,
84.6488

■ 11.7752, 6.5894,
1.1259

■ 57.8824, 72.7243,
96.8948

■ 11.4692, 6.1110,
0.6124

■ 63.4961, 81.2961,
106.9529

Harmonies

Analogous

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



23.5865, 23.6839, 25.9711



23.4733, 23.6839, 24.4534



23.1007, 23.6839, 23.3348

Triad

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



23.4733, 23.6839, 24.4534



21.6372, 23.6839, 24.1489



22.4470, 23.6839, 28.9411

Complementary

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



23.4733, 23.6839, 24.4534



23.8370, 26.0748, 29.7637

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.



21.9311, 23.6839, 28.4068



23.4733, 23.6839, 24.4534



21.4683, 23.6839, 25.6052

Square

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



23.4733, 23.6839, 24.4534



22.0400, 23.6839, 23.1641



21.5750, 23.6839, 27.1698



22.9884, 23.6839, 28.6024

Rectangle

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



23.4733, 23.6839, 24.4534



22.7585, 23.6839, 22.9441



21.5750, 23.6839, 27.1698



22.2649, 23.6839, 28.8571

Sweetspot

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



23.4740, 23.6849, 24.4539



45.1052, 46.8224, 50.1430



24.2033, 23.7623, 28.9551



10.2519, 10.6057, 11.3087



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.



23.4740, 23.6849, 24.4539



41.0041, 40.9290, 41.6585



24.3553, 25.4475, 24.7477



5.4402, 5.4868, 5.6617



10.1289, 5.3896, 0.5064



0.1022, 0.0622, 0.0066

Inverse Universe

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



23.8370, 26.0748, 29.7637



41.7959, 46.1422, 53.2415



22.9169, 24.2346, 29.4570



5.5252, 6.0462, 6.9046



11.6834, 16.3528, 25.5177



0.1185, 0.1700, 0.2462

Previews

White Background



This preview shows how the XYZ color 23.4733, 23.6839, 24.4534 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 23.4733, 23.6839, 24.4534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

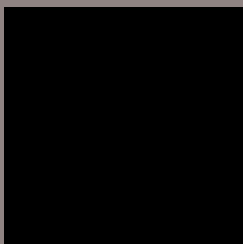
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4733, 23.6839, 24.4534

Background



This preview shows how black text looks on a background with the XYZ color 23.4733, 23.6839, 24.4534.



This preview shows how white text looks on a background with the XYZ color 23.4733, 23.6839, 24.4534.

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

23.4733, 23.6839, 24.4534

Protanopia

22.8008, 23.7321, 24.8518

Deuteranopia

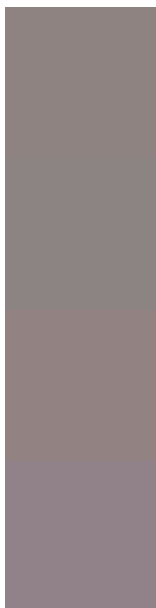
24.0923, 23.6081, 24.4061



Tritanopia

24.2179, 23.7880, 28.1261

Trichromacy



Original Color

23.4733, 23.6839, 24.4534

Protanomaly

22.9955, 23.6302, 24.8218

Deuteranomaly

23.8660, 23.6880, 24.4335

Tritanomaly

23.9282, 23.6721, 26.6006

Monochromacy



Original Color

23.4733, 23.6839, 24.4534

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.9377, 23.7869, 25.5727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4733, 23.6839, 24.4534 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, 131, 130)` looks like.

```
.text, #text, p{  
    color:rgb(143, 131, 130)  
}
```

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, 131, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 131, 130) }
```

Border

The CSS property to change the border of an element to XYZ 23.4733, 23.6839, 24.4534 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, 131, 130) }
```


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

```
.border{ border-color:rgb(143, 131, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 131, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 131, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 131, 130);  
box-shadow:4px 4px 4px 4px rgb(143, 131,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4733, 23.6839, 24.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 131, 130) }
```

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

```
.background{ background-color: rgb(143,  
131, 130) }
```

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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