

Converting Colors

XYZ(23.4485, 24.8598, 24.0069)

Have a look what the booklet for
XYZ(23.4485, 24.8598, 24.0069)
contains.

XYZ(23.4894, 24.9388, 23.9977)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.4894, 24.9388,
23.9977)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8980
RGB	139, 137, 128
RGB Percent	55%, 54%, 50%
CMY	0.4549, 0.4627, 0.4980
CMYK	0.00, 0.01, 0.08, 0.45
HSL	49°, 5%, 52%
HSV	49°, 8%, 55%
XYZ	23.4894, 24.9388, 23.9977
YIQ	136.5720, 4.0810, -2.3750

Conversions

Conversions Part 2

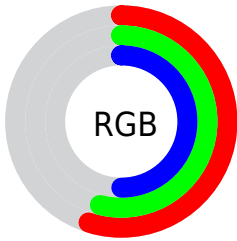
Format	Color
R_{YB}	130, 139, 128
Decimal	9144704
CIE Lab	57.02, -0.95, 5.08
CIE LCh	57, 5.168, 100.601
Yxy	24.9388, 0.3243, 0.3443
Android (android.graphics.Color)	4287334784 (0xFF8B8980)
YUV	136.5720, -4.2260, 2.1294
Hunter-Lab	49.9388, -3.4328, 6.4658

Details

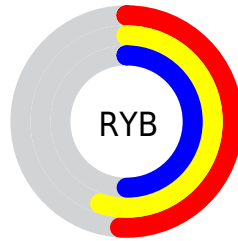
The XYZ color **23.4894, 24.9388, 23.9977** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.5449, 22.4182, 27.6180**, and the grayscale version is **23.6313, 24.8620, 27.0747**.

A 20% lighter version of the original color is **48.4922, 51.3696, 51.0756**, and **8.9393, 9.5048, 8.7606** is the 20% darker color. If you saturate the color by 10%, you get **22.2821, 23.8893, 19.3864**, and if you desaturate by 10%, it is **24.8318, 26.0574, 29.2731**.

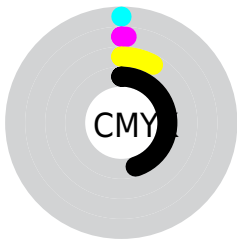
Distribution



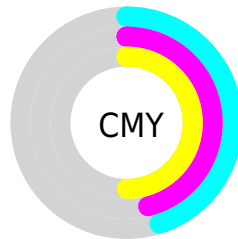
- Red (55%)
- Green (54%)
- Blue (50%)



- Red (51%)
- Yellow (55%)
- Blue (50%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (45%)



- Cyan (45%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4894, 24.9388, 23.9977 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 23.4894, 24.9388, 23.9977 by changing the saturation by 10% instead.

■ 23.4894, 24.9388,
23.9977

■ 23.4894, 24.9388,
23.9977

262.7174,
277.5330, 286.0950

■ 15.0780, 16.0315,
15.1197

■ 48.6564, 51.5579,
50.9702

■ 8.9608, 9.5464,
8.7559

■ 66.1428, 70.0385,
69.9019

■ 4.7725, 5.0993,
4.4877

■ 87.3848, 92.4789,
93.0218

■ 2.1478, 2.3056,
1.8965

112.7478,
119.2637, 120.7486

■ 0.7150, 0.7767,
0.4905

142.5973,
150.7770, 153.5008

■ 0.0000, 0.0000,
0.0000

177.2984,

187.4034, 191.6969

217.2167,
229.5273, 235.7555

■ 23.4894, 24.9388,
23.9977

■ 23.4894, 24.9388,
23.9977

■ 22.2821, 23.8893,
19.3864

■ 24.8318, 26.0574,
29.2731

■ 21.2029, 22.9036,
15.4109

■ 26.3121, 27.2438,
35.2361

■ 20.2467, 21.9804,
12.0433

■ 27.9356, 28.5011,
41.9111

■ 19.4079, 21.1172,
9.2528

■ 29.7066, 29.8312,
49.3209

■ 18.6800, 20.3115,
7.0061

■ 31.6294, 31.2357,
57.4871

■ 18.0560, 19.5603,
5.2664

■ 33.7079, 32.7164,
66.4305

■ 17.5280, 18.8604,
3.9923

■ 35.9459, 34.2748,
76.1711

■ 17.0867, 18.2079,
3.1361

■ 38.3472, 35.9126,
86.7283

■ 16.7135, 17.5954,
2.5986

■ 40.9153, 37.6312,
98.1205

Harmonies

Analogous

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



24.0936, 24.9388, 24.1202



23.4894, 24.9388, 23.9977



22.9517, 24.9388, 24.6932

Triad

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



23.4894, 24.9388, 23.9977



22.8280, 24.9388, 29.3892



24.8222, 24.9388, 28.2801

Complementary

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



23.4894, 24.9388, 23.9977



21.5449, 22.4182, 27.6180

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.



24.4717, 24.9388, 29.7733



23.4894, 24.9388, 23.9977



23.3178, 24.9388, 30.4323

Square

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



23.4894, 24.9388, 23.9977



22.5742, 24.9388, 27.7740



23.9191, 24.9388, 30.5758



24.8700, 24.9388, 26.5435

Rectangle

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



23.4894, 24.9388, 23.9977



22.7007, 24.9388, 25.5453



23.9191, 24.9388, 30.5758



24.7356, 24.9388, 28.8291

Sweetspot

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



23.4901, 24.9399, 23.9982



43.4471, 45.8225, 48.3742



22.3973, 22.5398, 24.2954



10.0187, 10.5648, 11.1760



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.4901, 24.9399, 23.9982



41.7757, 44.4147, 41.8518



23.2042, 25.2179, 24.0670



5.3552, 5.6932, 5.3690



15.0278, 15.7901, 2.2557



0.1091, 0.1235, 0.0181

Inverse Universe

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



21.5449, 22.4182, 27.6180



37.7618, 39.2112, 49.3212



21.8148, 22.1668, 27.5552



4.8434, 5.0297, 6.3214



4.5342, 2.3388, 22.2581



0.0380, 0.0313, 0.1505

Previews

White Background



This preview shows how the XYZ color 23.4894, 24.9388, 23.9977 looks on a white background.

Color Contrast Check

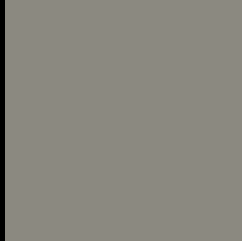
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4894, 24.9388, 23.9977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

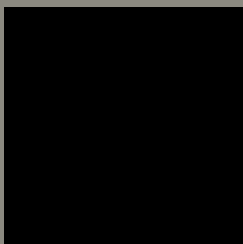
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

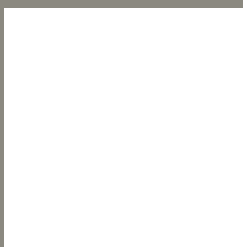
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4894, 24.9388, 23.9977

Background



This preview shows how black text looks on a background with the XYZ color 23.4894, 24.9388, 23.9977.



This preview shows how white text looks on a background with the XYZ color 23.4894, 24.9388,

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

23.4894, 24.9388, 23.9977

Protanopia

23.6849, 24.8296, 23.9663

Deuteranopia

25.3506, 24.8598, 24.2312



Tritanopia

24.6204, 24.7572, 30.2691

Trichromacy



Original Color

23.4894, 24.9388, 23.9977

Protanomaly

23.5157, 24.7423, 23.9584

Deuteranomaly

24.7003, 24.9311, 24.2792

Tritanomaly

24.1394, 24.7675, 27.9344

Monochromacy



Original Color

23.4894, 24.9388, 23.9977

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.7300, 25.0158, 26.1321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4894, 24.9388, 23.9977 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(139, 137, 128)` looks like.

```
.text, #text, p{  
    color:rgb(139, 137, 128)  
}
```

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(139, 137, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 137, 128) }
```

Border

The CSS property to change the border of an element to XYZ 23.4894, 24.9388, 23.9977 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(139, 137, 128) }
```


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

```
.border{ border-color:rgb(139, 137, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 137, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 137, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 137, 128);  
box-shadow:4px 4px 4px 4px rgb(139, 137,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4894, 24.9388, 23.9977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 137, 128) }
```

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

```
.background{ background-color: rgb(139,  
137, 128) }
```

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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