

Converting Colors

XYZ(23.3754, 25.3327, 19.1220)

Have a look what the booklet for
XYZ(23.3754, 25.3327, 19.1220)
contains.

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Color

**XYZ(23.4849, 25.4747,
19.0086)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8B70
RGB	143, 139, 112
RGB Percent	56%, 55%, 44%
CMY	0.4392, 0.4549, 0.5608
CMYK	0.00, 0.03, 0.22, 0.44
HSL	52°, 12%, 50%
HSV	52°, 22%, 56%
XYZ	23.4849, 25.4747, 19.0086
YIQ	137.1180, 11.0510, -7.5490

Conversions

Conversions Part 2

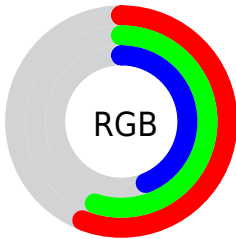
Format	Color
R_{YB}	117, 143, 112
Decimal	9407344
CIE Lab	57.54, -3.21, 15.01
CIE LCh	58, 15.345, 102.072
Yxy	25.4747, 0.3455, 0.3748
Android (android.graphics.Color)	4287597424 (0xFF8F8B70)
YUV	137.1180, -12.3832, 5.1585
Hunter-Lab	50.4725, -5.2706, 13.0013

Details

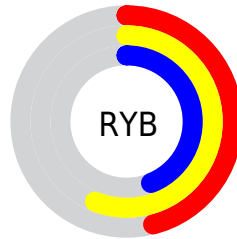
The XYZ color **23.4849, 25.4747, 19.0086** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.8853, 17.9183, 28.5026**, and the grayscale version is **23.8654, 25.1083, 27.3429**.

A 20% lighter version of the original color is **48.5764, 52.2499, 42.6470**, and **8.9114, 9.7902, 6.2705** is the 20% darker color. If you saturate the color by 10%, you get **22.4867, 24.6527, 15.0548**, and if you desaturate by 10%, it is **24.6155, 26.3585, 23.6311**.

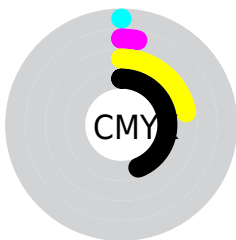
Distribution



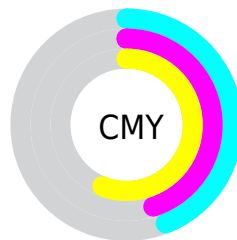
- Red (56%)
- Green (55%)
- Blue (44%)



- Red (46%)
- Yellow (56%)
- Blue (44%)



- Cyan (0%)
- Magenta (3%)
- Yellow (22%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4849, 25.4747, 19.0086 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 23.4849, 25.4747, 19.0086 by changing the saturation by 10% instead.

■ 23.4849, 25.4747,
19.0086

■ 23.4849, 25.4747,
19.0086

262.6949,
280.1938, 258.9205

■ 15.0746, 16.4311,
11.4996

■ 48.6491, 52.4263,
42.5855

■ 8.9584, 9.8297,
6.2856

■ 66.1338, 71.1030,
59.4905

■ 4.7710, 5.2862,
2.9479

■ 87.3740, 93.7596,
80.3647

■ 2.1469, 2.4161,
1.0681

■ 112.7350,
120.7804, 105.6264

■ 0.7145, 0.8342,
0.0000

142.5823,
152.5498, 135.6943

■ 0.0000, 0.0000,
0.0000

177.2811,

189.4523, 170.9870

217.1969,
231.8721, 211.9229

■ 23.4849, 25.4747,
19.0086

■ 23.4849, 25.4747,
19.0086

■ 22.4867, 24.6527,
15.0548

■ 24.6155, 26.3585,
23.6311

■ 21.6128, 23.8868,
11.7366

■ 25.8819, 27.3031,
28.9500

■ 20.8575, 23.1754,
9.0207

■ 27.2902, 28.3117,
34.9933

■ 20.2136, 22.5158,
6.8701

■ 28.8453, 29.3863,
41.7871

■ 19.6735, 21.9046,
5.2436

■ 30.5519, 30.5289,
49.3563

■ 19.2281, 21.3384,
4.0944

■ 32.4146, 31.7412,
57.7243

■ 18.8669, 20.8129,
3.3676

■ 34.4376, 33.0251,
66.9139

■ 18.6063, 20.3968,
2.9563

■ 36.6251, 34.3822,
76.9467

■ 38.9811, 35.8142,
87.8438

Harmonies

Analogous

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



25.3117, 25.4747, 19.2164



23.4849, 25.4747, 19.0086



21.9322, 25.4747, 20.9131

Triad

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



23.4849, 25.4747, 19.0086



21.6952, 25.4747, 35.0481



27.7153, 25.4747, 30.9548

Complementary

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



23.4849, 25.4747, 19.0086



17.8853, 17.9183, 28.5026

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.



26.6466, 25.4747, 35.9054



23.4849, 25.4747, 19.0086



23.1465, 25.4747, 38.4658

Square

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



23.4849, 25.4747, 19.0086



20.9343, 25.4747, 29.8977



24.9559, 25.4747, 38.7979



27.8172, 25.4747, 25.6842

Rectangle

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



23.4849, 25.4747, 19.0086



21.2369, 25.4747, 23.2829



24.9559, 25.4747, 38.7979



27.4548, 25.4747, 32.7272

Sweetspot

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



23.4856, 25.4758, 19.0091



45.0789, 47.9563, 46.4764



20.2822, 18.6924, 19.1031



10.3118, 10.9781, 10.5500



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.



23.4856, 25.4758, 19.0091



41.1588, 44.8920, 30.4461



22.2057, 25.6909, 19.1181



5.7811, 6.1685, 5.7753



16.4621, 18.0558, 2.6175



0.1681, 0.1940, 0.0286

Inverse Universe

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



17.8853, 17.9183, 28.5026



29.2908, 28.8773, 50.5681



18.9733, 17.8099, 28.4243



5.1822, 5.3602, 6.7902



4.5908, 2.1677, 23.1535



0.0526, 0.0382, 0.2243

Previews

White Background



This preview shows how the XYZ color 23.4849, 25.4747, 19.0086 looks on a white background.

Color Contrast Check

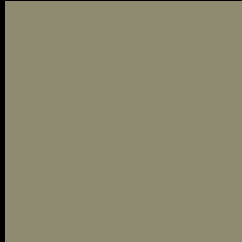
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4849, 25.4747, 19.0086 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

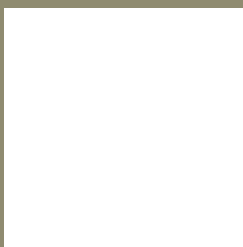
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4849, 25.4747, 19.0086

Background



This preview shows how black text looks on a background with the XYZ color 23.4849, 25.4747, 19.0086.



This preview shows how white text looks on a background with the XYZ color 23.4849, 25.4747,

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

23.4849, 25.4747, 19.0086

Protanopia

23.9903, 25.5277, 18.7018

Deuteranopia

25.8654, 25.4409, 19.1701



Tritanopia

25.6686, 25.2976, 30.3181

Trichromacy



Original Color

23.4849, 25.4747, 19.0086

Protanomaly

23.8118, 25.4356, 18.6935

Deuteranomaly

24.9710, 25.3902, 19.2075

Tritanomaly

24.8919, 25.4128, 25.7835

Monochromacy



Original Color

23.4849, 25.4747, 19.0086

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6322, 25.2244, 24.0453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4849, 25.4747, 19.0086 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, 139, 112)` looks like.

```
.text, #text, p{  
    color:rgb(143, 139, 112)  
}
```

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, 139, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 139, 112) }
```

Border

The CSS property to change the border of an element to XYZ 23.4849, 25.4747, 19.0086 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, 139, 112) }
```


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

```
.border{ border-color:rgb(143, 139, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 139, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 139, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 139, 112);  
box-shadow:4px 4px 4px 4px rgb(143, 139,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4849, 25.4747, 19.0086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 139, 112) }
```

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

```
.background{ background-color: rgb(143,  
139, 112) }
```

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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