

Converting Colors

XYZ(24.6894, 23.5371, 24.0111)

Have a look what the booklet for
XYZ(24.6894, 23.5371, 24.0111)
contains.

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Color

**XYZ(24.6887, 23.5360,
24.0106)**

Conversions

Conversions Part 1

Format	Color
Hex	997F81
RGB	153, 127, 129
RGB Percent	60%, 50%, 51%
CMY	0.4000, 0.5019, 0.4941
CMYK	0.00, 0.17, 0.16, 0.40
HSL	355°, 11%, 55%
HSV	355°, 17%, 60%
XYZ	24.6887, 23.5360, 24.0106
YIQ	135.0020, 14.8540, 6.1340

Conversions

Conversions Part 2

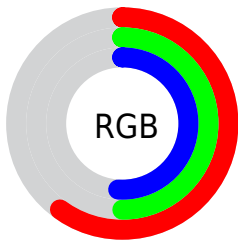
Format	Color
R_{YB}	153, 127, 129
Decimal	10059649
CIE _{Lab}	55.62, 10.32, 2.65
CIE _{LCh}	56, 10.652, 14.419
Yxy	23.5360, 0.3418, 0.3258
Android (android.graphics.Color)	4288249729 (0xFF997F81)
YUV	135.0020, -2.9590, 15.7842
Hunter-Lab	48.5139, 5.9392, 4.6158

Details

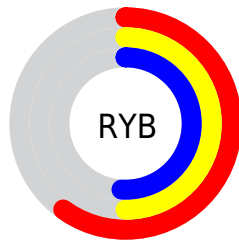
The XYZ color **24.6887, 23.5360, 24.0106** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7305, 29.5295, 33.6231**, and the grayscale version is **23.0372, 24.2369, 26.3940**.

A 20% lighter version of the original color is **50.7772, 49.4298, 51.1206**, and **9.6518, 8.8527, 8.7895** is the 20% darker color. If you saturate the color by 10%, you get **21.9859, 19.5304, 18.7934**, and if you desaturate by 10%, it is **27.8227, 28.1958, 30.0124**.

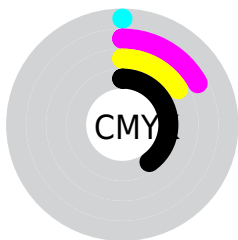
Distribution



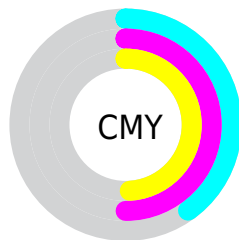
- Red (60%)
- Green (50%)
- Blue (51%)



- Red (60%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (17%)
- Yellow (16%)
- Black (40%)



- Cyan (40%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6887, 23.5360, 24.0106 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 24.6887, 23.5360, 24.0106 by changing the saturation by 10% instead.

■ 24.6887, 23.5360,
24.0106

■ 24.6887, 23.5360,
24.0106

268.6604,
270.4662, 286.1624

■ 15.9728, 14.9898,
15.1292

■ 50.5983, 49.2720,
50.9915

■ 9.5956, 8.8122,
8.7625

■ 68.5227, 67.2305,
69.9282

■ 5.1919, 4.6189,
4.4919

■ 90.2472, 89.0952,
93.0537

■ 2.3962, 2.0254,
1.8989

116.1373,
115.2506, 120.7865

■ 0.8432, 0.6222,
0.4920

146.5584,
146.0810, 153.5452

■ 0.0000, 0.0000,
0.0000

181.8756,

181.9708, 191.7484

222.4545,
223.3044, 235.8146

■ 24.6887, 23.5360,
24.0106

■ 24.6887, 23.5360,
24.0106

■ 21.9859, 19.5304,
18.7934

■ 27.8227, 28.1958,
30.0124

■ 19.6936, 16.1467,
14.3270

■ 31.4036, 33.5340,
36.8279

■ 17.7922, 13.3547,
10.5772

■ 35.4486, 39.5772,
44.4864

■ 16.2599, 11.1203,
7.5067

■ 39.9736, 46.3499,
53.0153

■ 15.0726, 9.4062,
5.0748

■ 44.9935, 53.8752,
62.4408

■ 14.2034, 8.1702,
3.2364

■ 50.5229, 62.1754,
72.7880

■ 13.6214, 7.3637,
1.9404

■ 56.5754, 71.2717,
84.0811

■ 13.2805, 6.9097,
1.1242

■ 63.1643, 81.1845,
96.3432

■ 13.2019, 6.7983,
0.9564

■ 66.9470, 85.5124,
107.5848

Harmonies

Analogous

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



24.6757, 23.5360, 27.4496



24.6887, 23.5360, 24.0106



24.0653, 23.5360, 21.2598

Triad

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



24.6887, 23.5360, 24.0106



20.7884, 23.5360, 21.1759



21.7540, 23.5360, 32.5602

Complementary

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



24.6887, 23.5360, 24.0106



25.7305, 29.5295, 33.6231

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.



20.7568, 23.5360, 30.5541



24.6887, 23.5360, 24.0106



20.2131, 23.5360, 23.8863

Square

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



24.6887, 23.5360, 24.0106



21.7986, 23.5360, 19.7255



20.2017, 23.5360, 27.3137



22.9518, 23.5360, 32.6010

Rectangle

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



24.6887, 23.5360, 24.0106



23.3851, 23.5360, 20.0984



20.2017, 23.5360, 27.3137



21.3852, 23.5360, 32.0858

Sweetspot

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



24.6894, 23.5371, 24.0111



50.9782, 52.2097, 55.9450



26.0714, 24.0431, 33.4039



11.1695, 11.3989, 12.1874



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.6894, 23.5371, 24.0111



42.4827, 39.5809, 39.6655



26.0329, 26.4346, 23.8102



6.2271, 6.2300, 6.5760



10.9165, 5.6208, 0.8194



0.1677, 0.0858, 0.0359

Inverse Universe

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



24.6894, 23.5371, 24.0111



42.4827, 39.5809, 39.6655



24.2009, 26.2084, 33.9205



6.2271, 6.2300, 6.5760



10.9165, 5.6208, 0.8194



0.1677, 0.0858, 0.0359

Previews

White Background



This preview shows how the XYZ color 24.6887, 23.5360, 24.0106 looks on a white background.

Color Contrast Check

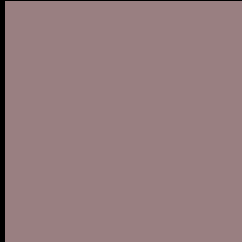
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6887, 23.5360, 24.0106 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 24.6887, 23.5360, 24.0106

Background



This preview shows how black text looks on a background with the XYZ color 24.6887, 23.5360, 24.0106.



This preview shows how white text looks on a background with the XYZ color 24.6887, 23.5360,

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

24.6887, 23.5360, 24.0106

Protanopia

22.7057, 23.6752, 25.2029

Deuteranopia

24.0254, 23.5814, 24.0543



Tritanopia

25.2312, 23.5693, 26.5121

Trichromacy



Original Color

24.6887, 23.5360, 24.0106

Protanomaly

23.3684, 23.6221, 24.8006

Deuteranomaly

24.2593, 23.5074, 24.0276

Tritanomaly

25.0209, 23.4852, 25.4047

Monochromacy



Original Color

24.6887, 23.5360, 24.0106

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.6402, 23.9468, 25.5665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6887, 23.5360, 24.0106 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(153, 127, 129)` looks like.

```
.text, #text, p{  
    color:rgb(153, 127, 129)  
}
```

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(153, 127, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 127, 129) }
```

Border

The CSS property to change the border of an element to XYZ 24.6887, 23.5360, 24.0106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

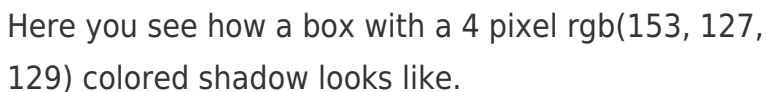
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 127, 129) }
```


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

```
.border{ border-color:rgb(153, 127, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 127, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 127, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 127, 129); box-shadow:4px 4px 4px 4px rgb(153, 127, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6887, 23.5360, 24.0106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 127, 129) }
```

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

```
.background{ background-color: rgb(153,  
127, 129) }
```

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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