

Converting Colors

XYZ(24.9871, 27.3493, 23.6733)

Have a look what the booklet for
XYZ(24.9871, 27.3493, 23.6733)
contains.

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Color

**XYZ(24.8945, 27.2037,
23.6774)**

Conversions

Conversions Part 1

Format	Color
Hex	8E907E
RGB	142, 144, 126
RGB Percent	56%, 56%, 49%
CMY	0.4431, 0.4353, 0.5059
CMYK	0.01, 0.00, 0.13, 0.44
HSL	67°, 8%, 53%
HSV	67°, 13%, 56%
XYZ	24.8945, 27.2037, 23.6774
YIQ	141.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

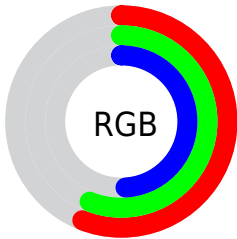
Format	Color
R_{YB}	126, 144, 128
Decimal	9343102
CIE Lab	59.16, -4.07, 9.32
CIE LCh	59, 10.170, 113.578
Yxy	27.2037, 0.3285, 0.3590
Android (android.graphics.Color)	4287533182 (0xFF8E907E)
YUV	141.3500, -7.5675, 0.5701
Hunter-Lab	52.1572, -6.0774, 9.5946

Details

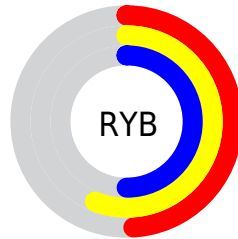
The XYZ color **24.8945, 27.2037, 23.6774** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.3981, 21.5252, 29.4141**, and the grayscale version is **25.4830, 26.8101, 29.1962**.

A 20% lighter version of the original color is **51.0957, 55.3786, 50.6439**, and **9.7559, 10.8165, 8.5948** is the 20% darker color. If you saturate the color by 10%, you get **23.7587, 26.7188, 19.1179**, and if you desaturate by 10%, it is **26.1695, 27.7466, 28.9428**.

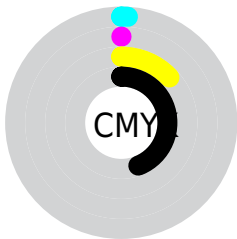
Distribution



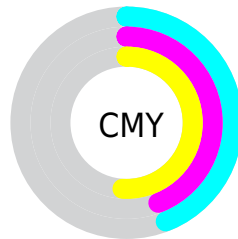
- Red (56%)
- Green (56%)
- Blue (49%)



- Red (49%)
- Yellow (56%)
- Blue (50%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (44%)



- Cyan (44%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8945, 27.2037, 23.6774 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 24.8945, 27.2037, 23.6774 by changing the saturation by 10% instead.

■ 24.8945, 27.2037,
23.6774

■ 24.8945, 27.2037,
23.6774

269.6695,
288.6420, 284.4193

■ 16.1268, 17.7263,
14.8845

■ 50.9301, 55.2106,
50.4405

■ 9.7053, 10.7536,
8.5926

■ 68.9288, 74.5088,
69.2477

■ 5.2648, 5.9014,
4.3833

■ 90.7351, 97.8494,
92.2302

■ 2.4398, 2.7852,
1.8379

116.7145,
125.6168, 119.8063

■ 0.8650, 1.0207,
0.4528

147.2322,
158.1954, 152.3948

■ 0.0000, 0.0000,
0.0000

182.6538,

195.9695, 190.4141

223.3444,
239.3236, 234.2827

■ 24.8945, 27.2037,
23.6774

■ 24.8945, 27.2037,
23.6774

■ 23.7587, 26.7188,
19.1179

■ 26.1695, 27.7466,
28.9428

■ 22.7543, 26.2859,
15.2327

■ 27.5869, 28.3460,
34.9405

■ 21.8757, 25.9039,
11.9901

■ 29.1524, 29.0051,
41.6978

■ 21.1165, 25.5700,
9.3555

■ 30.8710, 29.7259,
49.2399

■ 20.4694, 25.2814,
7.2909

■ 32.7472, 30.5102,
57.5910

■ 19.9263, 25.0349,
5.7539

■ 34.7853, 31.3598,
66.7741

■ 19.4781, 24.8268,
4.6964

■ 36.9897, 32.2763,
76.8115

■ 19.1140, 24.6527,
4.0616

■ 39.3645, 33.2614,
87.7244

■ 18.8730, 24.5353,
3.7411

■ 41.8159, 34.2777,
99.0201

Harmonies

Analogous

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



26.1296, 27.2037, 23.2167



24.8945, 27.2037, 23.6774



23.9460, 27.2037, 25.6696

Triad

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



24.8945, 27.2037, 23.6774



24.4373, 27.2037, 35.5935



28.3523, 27.2037, 30.4071

Complementary

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



24.8945, 27.2037, 23.6774



21.3981, 21.5252, 29.4141

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.



27.8656, 27.2037, 33.9566



24.8945, 27.2037, 23.6774



25.5849, 27.2037, 37.1046

Square

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



24.8945, 27.2037, 23.6774



23.6882, 27.2037, 32.4981



26.8426, 27.2037, 36.4825



28.1529, 27.2037, 26.9174

Rectangle

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



24.8945, 27.2037, 23.6774



23.5903, 27.2037, 27.6921



26.8426, 27.2037, 36.4825



28.2630, 27.2037, 31.6358

Sweetspot

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



24.8952, 27.2049, 23.6780



45.7825, 48.7781, 49.4931



22.9615, 22.8226, 22.9340



10.4619, 11.1702, 11.1957



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.



24.8952, 27.2049, 23.6780



43.3204, 47.7301, 39.3801



23.4446, 26.4571, 23.6101



5.7813, 6.2554, 5.7921



16.4462, 21.3709, 3.2582



0.1681, 0.2099, 0.0317

Inverse Universe

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



21.3981, 21.5252, 29.4141



35.9100, 35.6948, 51.5352



22.7795, 22.2374, 29.4787



5.1819, 5.2819, 6.7752



4.5814, 1.8554, 23.0937



0.0526, 0.0223, 0.2212

Previews

White Background



This preview shows how the XYZ color 24.8945, 27.2037, 23.6774 looks on a white background.

Color Contrast Check

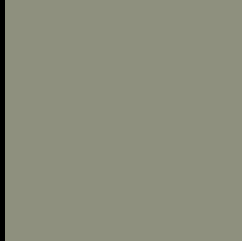
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8945, 27.2037, 23.6774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

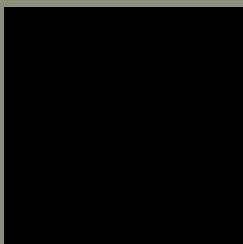
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

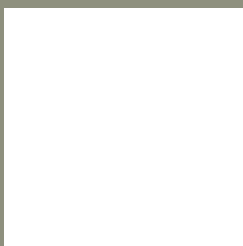
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8945, 27.2037, 23.6774

Background



This preview shows how black text looks on a background with the XYZ color 24.8945, 27.2037, 23.6774.



This preview shows how white text looks on a background with the XYZ color 24.8945, 27.2037,

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

24.8945, 27.2037, 23.6774

Protanopia

25.7691, 27.2162, 23.2971

Deuteranopia

27.6767, 27.1050, 23.8517



Tritanopia

26.8181, 27.1015, 33.0958

Trichromacy



Original Color

24.8945, 27.2037, 23.6774

Protanomaly

25.3782, 27.2366, 23.3216

Deuteranomaly

26.7264, 27.2570, 23.9312

Tritanomaly

26.0844, 27.0225, 29.4323

Monochromacy



Original Color

24.8945, 27.2037, 23.6774

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.1014, 26.7863, 27.1398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8945, 27.2037, 23.6774 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(142, 144, 126)` looks like.

```
.text, #text, p{  
    color:rgb(142, 144, 126)  
}
```

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(142, 144, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 144, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.8945, 27.2037, 23.6774 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(142, 144, 126) }
```


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

```
.border{ border-color:rgb(142, 144, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 144, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 144, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 144, 126);  
box-shadow:4px 4px 4px 4px rgb(142, 144,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8945, 27.2037, 23.6774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 144, 126) }
```

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

```
.background{ background-color: rgb(142,  
144, 126) }
```

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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