

Converting Colors

XYZ(24.5720, 26.0906, 24.3429)

Have a look what the booklet for
XYZ(24.5720, 26.0906, 24.3429)
contains.

XYZ(24.6682, 26.1808, 24.5221)	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(24.6682, 26.1808,
24.5221)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8C81
RGB	143, 140, 129
RGB Percent	56%, 55%, 51%
CMY	0.4392, 0.4510, 0.4941
CMYK	0.00, 0.02, 0.10, 0.44
HSL	47°, 6%, 53%
HSV	47°, 10%, 56%
XYZ	24.6682, 26.1808, 24.5221
YIQ	139.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

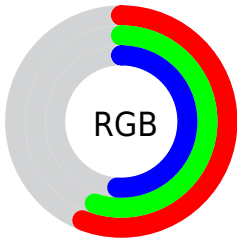
Format	Color
RYB	133, 143, 129
Decimal	9407617
CIELab	58.21, -0.93, 6.26
CIElCh	58, 6.331, 98.425
Yxy	26.1808, 0.3273, 0.3474
Android (android.graphics.Color)	4287597697 (0xFF8F8C81)
YUV	139.6430, -5.2470, 2.9441
Hunter-Lab	51.1672, -3.4860, 7.4020

Details

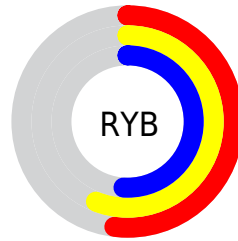
The XYZ color **24.6682, 26.1808, 24.5221** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.2623, 23.1523, 29.2823**, and the grayscale version is **24.8076, 26.0996, 28.4224**.

A 20% lighter version of the original color is **50.7612, 53.8313, 51.9710**, and **9.6183, 10.2187, 9.0549** is the 20% darker color. If you saturate the color by 10%, you get **23.3426, 24.9456, 19.7143**, and if you desaturate by 10%, it is **26.1407, 27.4964, 30.0359**.

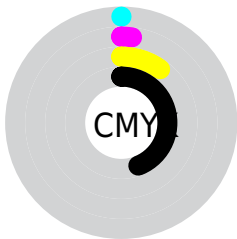
Distribution



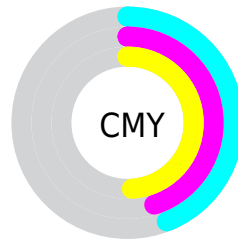
- Red (56%)
- Green (55%)
- Blue (51%)



- Red (52%)
- Yellow (56%)
- Blue (51%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6682, 26.1808, 24.5221 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 24.6682, 26.1808, 24.5221 by changing the saturation by 10% instead.

■ 24.6682, 26.1808,
24.5221

■ 24.6682, 26.1808,
24.5221

268.5597,
283.6685, 288.8206

■ 15.9574, 16.9589,
15.5056

■ 50.5652, 53.5665,
51.8353

■ 9.5847, 10.2052,
9.0244

■ 68.4822, 72.4991,
70.9691

■ 5.1846, 5.5352,
4.6601

■ 90.1986, 95.4374,
94.3124

■ 2.3919, 2.5646,
1.9940

116.0798,
122.7658, 122.2838

■ 0.8411, 0.9089,
0.5516

146.4912,
154.8688, 155.3018

■ 0.0000, 0.0000,
0.0000

181.7980,

192.1306, 193.7849

222.3658,
234.9357, 238.1516

■ 24.6682, 26.1808,
24.5221

■ 24.6682, 26.1808,
24.5221

■ 23.3426, 24.9456,
19.7143

■ 26.1407, 27.4964,
30.0359

■ 22.1562, 23.7850,
15.5818

■ 27.7633, 28.8912,
36.2813

■ 21.1038, 22.6976,
12.0942

■ 29.5417, 30.3685,
43.2847

■ 20.1788, 21.6806,
9.2181

■ 31.4806, 31.9305,
51.0706

■ 19.3743, 20.7311,
6.9171

■ 33.5846, 33.5790,
59.6625

■ 18.6826, 19.8457,
5.1508

■ 35.8581, 35.3160,
69.0829

■ 18.0948, 19.0209,
3.8737

■ 38.3051, 37.1432,
79.3534

■ 17.6008, 18.2523,
3.0325

■ 40.9299, 39.0625,
90.4948

■ 17.1738, 17.5291,
2.4869

■ 43.2981, 40.9003,
100.2202

Harmonies

Analogous

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



25.4313, 26.1808, 24.7496



24.6682, 26.1808, 24.5221



23.9770, 26.1808, 25.3182

Triad

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



24.6682, 26.1808, 24.5221



23.7444, 26.1808, 31.2180



26.2835, 26.1808, 30.0909

Complementary

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



24.6682, 26.1808, 24.5221



22.2623, 23.1523, 29.2823

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.



25.8137, 26.1808, 31.9517



24.6682, 26.1808, 24.5221



24.3447, 26.1808, 32.6254

Square

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



24.6682, 26.1808, 24.5221



23.4509, 26.1808, 29.1310



25.1012, 26.1808, 32.9006



26.3745, 26.1808, 27.8909

Rectangle

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



24.6682, 26.1808, 24.5221



23.6464, 26.1808, 26.3477



25.1012, 26.1808, 32.9006



26.1642, 26.1808, 30.7800

Sweetspot

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



24.6689, 26.1819, 24.5227



45.9216, 48.4552, 50.4151



23.3454, 23.2073, 25.0911



10.4843, 11.0705, 11.3861



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.



24.6689, 26.1819, 24.5227



43.5689, 46.3292, 41.6791



24.4382, 26.7220, 24.6391



5.7429, 6.0922, 5.7626



15.1925, 15.5168, 2.1943



0.1610, 0.1799, 0.0262

Inverse Universe

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



22.2623, 23.1523, 29.2823



38.2624, 39.6491, 52.1744



22.4761, 22.6679, 29.1775



5.2174, 5.4306, 6.8020



4.8214, 2.6288, 23.2304



0.0597, 0.0523, 0.2266

Previews

White Background



This preview shows how the XYZ color 24.6682, 26.1808, 24.5221 looks on a white background.

Color Contrast Check

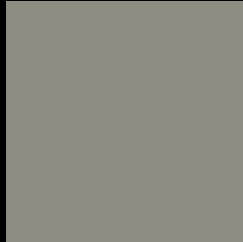
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6682, 26.1808, 24.5221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

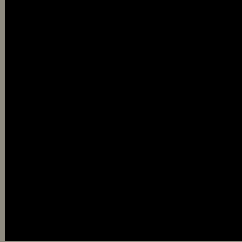
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

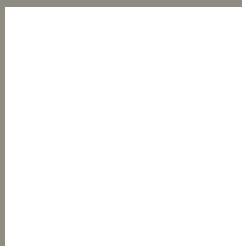
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6682, 26.1808, 24.5221

Background



This preview shows how black text looks on a background with the XYZ color 24.6682, 26.1808, 24.5221.



This preview shows how white text looks on a background with the XYZ color 24.6682, 26.1808,

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

24.6682, 26.1808, 24.5221

Protanopia

24.8721, 26.0700, 24.4900

Deuteranopia

26.5979, 26.1078, 24.7565



Tritanopia

26.1450, 26.1404, 31.6846

Trichromacy



Original Color

24.6682, 26.1808, 24.5221

Protanomaly

24.6967, 25.9795, 24.4818

Deuteranomaly

25.9238, 26.1784, 24.8057

Tritanomaly

25.5733, 26.1198, 28.8931

Monochromacy



Original Color

24.6682, 26.1808, 24.5221

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.8065, 26.1965, 27.0415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6682, 26.1808, 24.5221 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, 140, 129) looks like.

```
.text, #text, p{  
    color:rgb(143, 140, 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(143, 140, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 140, 129) }
```

Border

The CSS property to change the border of an element to XYZ 24.6682, 26.1808, 24.5221 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, 140, 129) }
```


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

```
.border{ border-color:rgb(143, 140, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 140, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 140, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 140, 129);  
box-shadow:4px 4px 4px 4px rgb(143, 140,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6682, 26.1808, 24.5221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 140, 129) }
```

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

```
.background{ background-color: rgb(143,  
140, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor