

Converting Colors

XYZ(24.7889, 21.6861, 26.9509)

Have a look what the booklet for
XYZ(24.7889, 21.6861, 26.9509)
contains.

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Color

**XYZ(24.8534, 21.7257,
26.9283)**

Conversions

Conversions Part 1

Format	Color
Hex	9D758A
RGB	157, 117, 138
RGB Percent	62%, 46%, 54%
CMY	0.3843, 0.5412, 0.4588
CMYK	0.00, 0.25, 0.12, 0.38
HSL	329°, 17%, 54%
HSV	329°, 25%, 62%
XYZ	24.8534, 21.7257, 26.9283
YIQ	131.3540, 17.0990, 15.0110

Conversions

Conversions Part 2

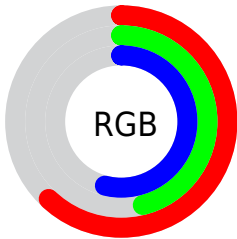
Format	Color
R _Y B	157, 117, 138
Decimal	10319242
CIE Lab	53.73, 19.15, -5.31
CIE LCh	54, 19.873, 344.511
Yxy	21.7257, 0.3381, 0.2956
Android (android.graphics.Color)	4288509322 (0xFF9D758A)
YUV	131.3540, 3.2765, 22.4915
Hunter-Lab	46.6108, 13.6092, -1.6258

Details

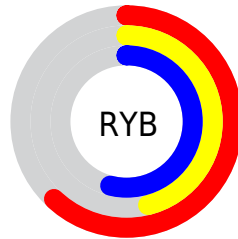
The XYZ color **24.8534, 21.7257, 26.9283** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.8380, 29.6741, 27.7653**, and the grayscale version is **21.6849, 22.8142, 24.8447**.

A 20% lighter version of the original color is **50.7433, 46.1346, 55.5206**, and **9.6543, 7.8421, 10.2374** is the 20% darker color. If you saturate the color by 10%, you get **22.6538, 18.1610, 23.6220**, and if you desaturate by 10%, it is **27.3981, 25.9208, 30.5331**.

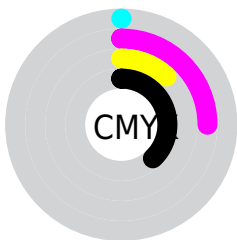
Distribution



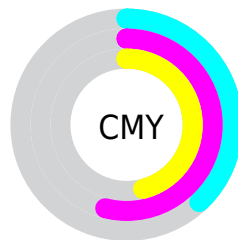
- Red (62%)
- Green (46%)
- Blue (54%)



- Red (62%)
- Yellow (46%)
- Blue (54%)



- Cyan (0%)
- Magenta (25%)
- Yellow (12%)
- Black (38%)



- Cyan (38%)
- Magenta (54%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8534, 21.7257, 26.9283 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 24.8534, 21.7257, 26.9283 by changing the saturation by 10% instead.

■ 24.8534, 21.7257,
26.9283

■ 24.8534, 21.7257,
26.9283

269.4682,
261.1104, 301.0590

■ 16.0960, 13.6555,
17.2874

■ 50.8639, 46.2922,
55.7711

■ 9.6834, 7.8814,
10.2755

■ 68.8477, 63.5573,
75.8102

■ 5.2502, 4.0192,
5.4740

■ 90.6378, 84.6562,
100.1523

■ 2.4311, 1.6843,
2.4644

116.5993,
109.9732, 129.2161

■ 0.8606, 0.4135,
0.8212

147.0978,
139.8927, 163.4202

■ 0.0000, 0.0000,
0.0000

182.4985,

174.7991, 203.1830

223.1669,
215.0769, 248.9231

■ 24.8534, 21.7257,
26.9283

■ 24.8534, 21.7257,
26.9283

■ 22.6538, 18.1610,
23.6220

■ 27.3981, 25.9208,
30.5331

■ 20.7815, 15.1928,
20.6038

■ 30.3011, 30.7722,
34.4437

■ 19.2196, 12.7887,
17.8647

■ 33.5769, 36.3076,
38.6684

■ 17.9492, 10.9118,
15.3945

■ 37.2389, 42.5527,
43.2152

■ 16.9489, 9.5207,
13.1819

■ 41.2996, 49.5314,
48.0915

■ 16.1942, 8.5680,
11.2148

■ 45.7711, 57.2668,
53.3044

■ 15.6533, 7.9909,
9.4780

■ 50.6648, 65.7809,
58.8610

■ 15.4438, 7.7838,
8.7550

■ 55.9917, 75.0948,
64.7679

■ 60.6992, 83.1020,
70.6773

Harmonies

Analogous

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



23.6561, 21.7257, 33.0449



24.8534, 21.7257, 26.9283



24.8739, 21.7257, 20.8365

Triad

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



24.8534, 21.7257, 26.9283



19.6403, 21.7257, 14.0201



17.8645, 21.7257, 32.8684

Complementary

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



24.8534, 21.7257, 26.9283



23.8380, 29.6741, 27.7653

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.



16.9330, 21.7257, 26.7182



24.8534, 21.7257, 26.9283



17.9094, 21.7257, 16.2381

Square

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



24.8534, 21.7257, 26.9283



21.7628, 21.7257, 14.0567



16.9488, 21.7257, 20.6594



19.5751, 21.7257, 36.8555

Rectangle

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



24.8534, 21.7257, 26.9283



24.2117, 21.7257, 17.6128



16.9488, 21.7257, 20.6594



17.4552, 21.7257, 30.9431

Sweetspot

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



24.8540, 21.7267, 26.9288



52.8088, 52.6640, 59.7541



22.5473, 20.3644, 34.6410



11.4542, 11.3104, 12.9265



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.8540, 21.7267, 26.9288



42.0273, 34.8708, 44.5389



23.5566, 21.2077, 20.0967



6.7712, 6.7014, 7.6463



12.5619, 6.3293, 7.2098



0.2459, 0.1217, 0.2412

Inverse Universe

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



24.8540, 21.7267, 26.9288



42.0273, 34.8708, 44.5389



25.3664, 30.2854, 35.8138



6.7712, 6.7014, 7.6463



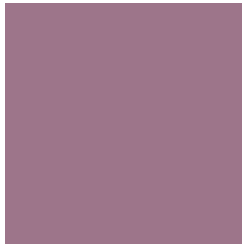
12.5619, 6.3293, 7.2098



0.2459, 0.1217, 0.2412

Previews

White Background



This preview shows how the XYZ color 24.8534, 21.7257, 26.9283 looks on a white background.

Color Contrast Check

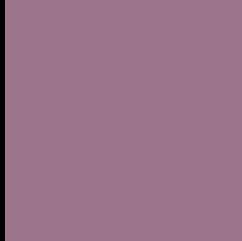
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8534, 21.7257, 26.9283 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 24.8534, 21.7257, 26.9283

Background



This preview shows how black text looks on a background with the XYZ color 24.8534, 21.7257, 26.9283.



This preview shows how white text looks on a background with the XYZ color 24.8534, 21.7257,

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

24.8534, 21.7257, 26.9283

Protanopia

21.4342, 21.9183, 29.8890

Deuteranopia

22.3302, 21.8766, 26.7126



Tritanopia

24.2034, 21.8201, 23.3581

Trichromacy



Original Color

24.8534, 21.7257, 26.9283

Protanomaly

22.4067, 21.6867, 28.5962

Deuteranomaly

23.1519, 21.7450, 26.6439

Tritanomaly

24.3536, 21.6907, 24.7330

Monochromacy



Original Color

24.8534, 21.7257, 26.9283

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.5791, 22.2184, 25.6528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8534, 21.7257, 26.9283 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(157, 117, 138)` looks like.

```
.text, #text, p{  
    color:rgb(157, 117, 138)  
}
```

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(157, 117, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 117, 138) }
```

Border

The CSS property to change the border of an element to XYZ 24.8534, 21.7257, 26.9283 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(157, 117, 138) }
```


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

```
.border{ border-color:rgb(157, 117, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 117, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 117, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 117, 138);  
box-shadow:4px 4px 4px 4px rgb(157, 117,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8534, 21.7257, 26.9283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 117, 138) }
```

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

```
.background{ background-color: rgb(157,  
117, 138) }
```

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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