

# Converting Colors

XYZ(24.6922, 27.5531, 23.7555)

Have a look what the booklet for  
XYZ(24.6922, 27.5531, 23.7555)  
contains.

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# Color

**XYZ(24.6922, 27.5531,  
23.7555)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B927E
RGB	139, 146, 126
RGB Percent	55%, 57%, 49%
CMY	0.4549, 0.4274, 0.5059
CMYK	0.05, 0.00, 0.14, 0.43
HSL	81°, 8%, 53%
HSV	81°, 14%, 57%
XYZ	24.6922, 27.5531, 23.7555
YIQ	141.6270, 2.2480, -7.7040

# Conversions

## Conversions Part 2

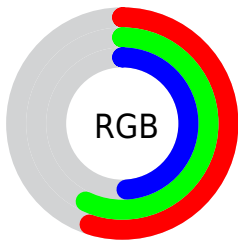
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 146, 133
Decimal	9147006
CIELab	59.48, -6.32, 9.74
CIELCh	59, 11.611, 122.966
Yxy	27.5531, 0.3249, 0.3625
Android (android.graphics.Color)	4287337086 (0xFF8B927E)
YUV	141.6270, -7.7041, -2.3039
Hunter-Lab	52.4910, -7.8915, 9.9113

# Details

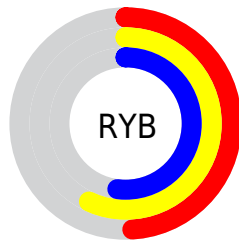
The XYZ color **24.6922, 27.5531, 23.7555** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.3232, 21.9843, 30.2625**, and the grayscale version is **25.5933, 26.9261, 29.3226**.

A 20% lighter version of the original color is **50.7833, 55.9007, 50.7612**, and **9.6422, 11.0254, 8.6411** is the 20% darker color. If you saturate the color by 10%, you get **22.9846, 26.7746, 19.1115**, and if you desaturate by 10%, it is **26.5788, 28.4096, 29.1269**.

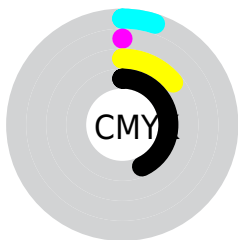
# Distribution



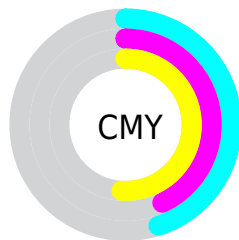
- Red (55%)
- Green (57%)
- Blue (49%)



- Red (49%)
- Yellow (57%)
- Blue (52%)



- Cyan (5%)
- Magenta (0%)
- Yellow (14%)
- Black (43%)



- Cyan (45%)
- Magenta (43%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6922, 27.5531, 23.7555 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 24.6922, 27.5531, 23.7555 by changing the saturation by 10% instead.



■ 24.6922, 27.5531,  
23.7555

■ 24.6922, 27.5531,  
23.7555

268.6776,  
290.3253, 284.8287

■ 15.9754, 17.9891,  
14.9418

■ 50.6039, 55.7701,  
50.5697

■ 9.5975, 10.9421,  
8.6324

■ 68.5296, 75.1919,  
69.4074

■ 5.1931, 6.0279,  
4.4087

■ 90.2555, 98.6684,  
92.4234

■ 2.3969, 2.8621,  
1.8521

116.1472,  
126.5840, 120.0364

■ 0.8436, 1.0602,  
0.4620

146.5698,  
159.3231, 152.6649

■ 0.0000, 0.0000,  
0.0000

181.8889,

197.2701, 190.7274

222.4697,  
240.8093, 234.6425

■ 24.6922, 27.5531,  
23.7555

■ 24.6922, 27.5531,  
23.7555

■ 22.9846, 26.7746,  
19.1115

■ 26.5788, 28.4096,  
29.1269

■ 21.4472, 26.0679,  
15.1617

■ 28.6482, 29.3429,  
35.2531

■ 20.0739, 25.4313,  
11.8733


■ 30.9070, 30.3568,  
42.1627


■ 18.8572, 24.8618,  
9.2099


■ 33.3606, 31.4533,  
49.8818

■ 17.7889, 24.3560,  
7.1317


■ 36.0143, 32.6348,  
58.4356


 16.8602, 23.9102,  
5.5942


 38.8732, 33.9032,  
67.8482


 16.0607, 23.5204,  
4.5466

 41.9421, 35.2606,  
78.1425

 15.3782, 23.1816,  
3.9281

 45.2257, 36.7089,  
89.3409

 14.9868, 22.9856,  
3.6468

 48.3389, 38.0942,  
99.4129

# Harmonies

## Analogous

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



26.0436, 27.5531, 22.6750



24.6922, 27.5531, 23.7555



23.7696, 27.5531, 26.4970

# Triad

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



24.6922, 27.5531, 23.7555



24.9346, 27.5531, 37.7364



29.0893, 27.5531, 29.5871

# Complementary

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



24.6922, 27.5531, 23.7555



22.3232, 21.9843, 30.2625

# 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.



28.7660, 27.5531, 33.8003



24.6922, 27.5531, 23.7555



26.3337, 27.5531, 38.7552

# Square

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



24.6922, 27.5531, 23.7555



23.9058, 27.5531, 34.5855



27.7438, 27.5531, 37.2543



28.6118, 27.5531, 25.8400



# Rectangle

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



24.6922, 27.5531, 23.7555



23.5032, 27.5531, 29.0281



27.7438, 27.5531, 37.2543



29.0707, 27.5531, 30.9947

# Sweetspot

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



24.6929, 27.5543, 23.7561



46.7528, 50.0550, 50.9953



24.0085, 24.3933, 23.1820



10.3475, 11.1112, 11.1904



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.



24.6929, 27.5543, 23.7561



42.7382, 48.2327, 39.6348



23.0989, 26.7325, 23.6815



6.0703, 6.6441, 6.2030



13.2123, 20.2391, 3.2102



0.1937, 0.2642, 0.0408



# Inverse Universe

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



22.3232, 21.9843, 30.2625



37.8456, 36.7322, 53.0689



23.9779, 22.8374, 30.3399



5.6796, 5.7258, 7.2756



5.7947, 2.4598, 24.1004



0.1006, 0.0454, 0.2964



# Previews

## White Background



This preview shows how the XYZ color 24.6922, 27.5531, 23.7555 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 24.6922, 27.5531, 23.7555 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

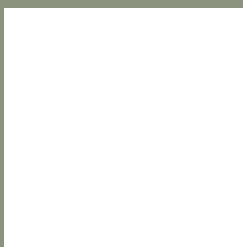
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 24.6922, 27.5531, 23.7555**

## **Background**



This preview shows how black text looks on a background with the XYZ color 24.6922, 27.5531, 23.7555.



This preview shows how white text looks on a background with the XYZ color 24.6922, 27.5531,



# 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

24.6922, 27.5531, 23.7555

### Protanopia

26.0382, 27.5842, 23.0207

### Deuteranopia

28.0890, 27.5220, 24.2539



## Tritanopia

26.7505, 27.4855, 34.0323

# Trichromacy



## Original Color

24.6922, 27.5531, 23.7555

## Protanomaly

25.5290, 27.5382, 23.3719

## Deuteranomaly

26.6821, 27.4521, 23.9712

## Tritanomaly

25.9357, 27.3789, 29.9043

# Monochromacy



## Original Color

24.6922, 27.5531, 23.7555

## Achromatopsia

25.7108, 27.0498, 29.4572

## Achromatomaly

25.2509, 27.0852, 27.1897

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 24.6922, 27.5531, 23.7555 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(139, 146, 126)` looks like.

```
.text, #text, p{  
    color:rgb(139, 146, 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(139, 146, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 146, 126) }
```

## Border

The CSS property to change the border of an element to XYZ 24.6922, 27.5531, 23.7555 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(139, 146, 126) }
```



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

```
.border{ border-color:rgb(139, 146, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 146, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 146, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 146, 126);  
box-shadow:4px 4px 4px 4px rgb(139, 146,  
126) }
```

# Background

The CSS property to change the background color of an element to XYZ 24.6922, 27.5531, 23.7555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 146, 126) }
```

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

```
.background{ background-color: rgb(139,  
146, 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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