

Converting Colors

XYZ(25.4452, 27.6975, 22.8541)

Have a look what the booklet for
XYZ(25.4452, 27.6975, 22.8541)
contains.

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Color

**XYZ(25.3776, 27.7006,
22.7481)**

Conversions

Conversions Part 1

Format	Color
Hex	91917B
RGB	145, 145, 123
RGB Percent	57%, 57%, 48%
CMY	0.4314, 0.4314, 0.5176
CMYK	0.00, 0.00, 0.15, 0.43
HSL	60°, 9%, 53%
HSV	60°, 15%, 57%
XYZ	25.3776, 27.7006, 22.7481
YIQ	142.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

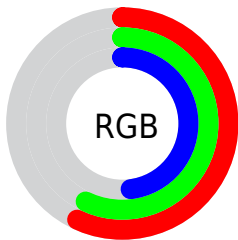
Format	Color
R_{YB}	123, 145, 123
Decimal	9539963
CIE Lab	59.62, -3.97, 11.70
CIE LCh	60, 12.356, 108.754
Yxy	27.7006, 0.3347, 0.3653
Android (android.graphics.Color)	4287730043 (0xFF91917B)
YUV	142.4920, -9.6096, 2.1995
Hunter-Lab	52.6314, -6.0364, 11.2159

Details

The XYZ color **25.3776, 27.7006, 22.7481** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.3632, 20.4220, 29.6581**, and the grayscale version is **25.9418, 27.2928, 29.7218**.

A 20% lighter version of the original color is **51.7145, 56.0841, 48.6571**, and **9.9443, 11.0585, 8.0889** is the 20% darker color. If you saturate the color by 10%, you get **24.5362, 27.3649, 18.3163**, and if you desaturate by 10%, it is **26.3549, 28.0925, 27.8893**.

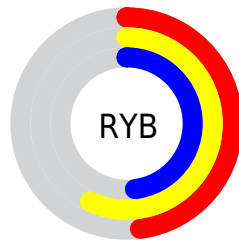
Distribution



Red (57%)

Green (57%)

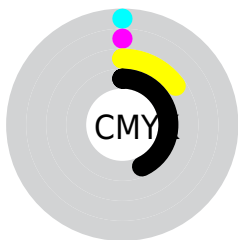
Blue (48%)



Red (48%)

Yellow (57%)

Blue (48%)

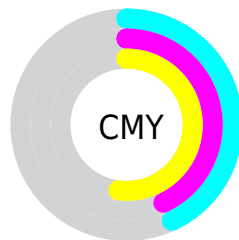


Cyan (0%)

Magenta (0%)

Yellow (15%)

Black (43%)



Cyan (43%)

Magenta (43%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3776, 27.7006, 22.7481 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 25.3776, 27.7006, 22.7481 by changing the saturation by 10% instead.

■ 25.3776, 27.7006,
22.7481

■ 25.3776, 27.7006,
22.7481

272.0263,
291.0335, 279.5084

■ 16.4888, 18.1001,
14.2041

■ 51.7076, 56.0061,
48.8973

■ 9.9638, 11.0219,
8.1224

■ 69.8796, 75.4798,
67.3396

■ 5.4370, 6.0815,
4.0845

■ 91.8767, 99.0135,
89.9183

■ 2.5433, 2.8947,
1.6718

118.0643,
126.9914, 117.0521

■ 0.9171, 1.0770,
0.3413

148.8076,
159.7979, 149.1595

■ 0.0000, 0.0000,
0.0000

184.4722,

197.8175, 186.6590

225.4233,
241.4346, 229.9691

■ 25.3776, 27.7006,
22.7481

■ 25.3776, 27.7006,
22.7481

■ 24.5362, 27.3649,
18.3163

■ 26.3549, 28.0925,
27.8893

■ 23.8228, 27.0795,
14.5611

■ 27.4715, 28.5392,
33.7673

■ 23.2315, 26.8430,
11.4497

■ 28.7334, 29.0440,
40.4101

■ 22.7557, 26.6526,
8.9461

■ 30.1454, 29.6088,
47.8438

■ 22.3878, 26.5054,
7.0105

■ 31.7123, 30.2356,
56.0931

■ 22.1193, 26.3979,
5.5985

■ 33.4387, 30.9262,
65.1820

■ 21.9405, 26.3264,
4.6591

■ 35.3288, 31.6823,
75.1331

■ 21.8384, 26.2855,
4.1236

■ 37.3867, 32.5055,
85.9683

■ 21.7999, 26.2701,
3.9217

■ 39.6166, 33.3975,
97.7089

Harmonies

Analogous

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



26.9169, 27.7006, 22.5081



25.3776, 27.7006, 22.7481



24.1408, 27.7006, 24.8535

Triad

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



25.3776, 27.7006, 22.7481



24.4034, 27.7006, 37.0793



29.3759, 27.7006, 31.8647

Complementary

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



25.3776, 27.7006, 22.7481



20.3632, 20.4220, 29.6581

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.



28.6447, 27.7006, 36.1755



25.3776, 27.7006, 22.7481



25.7490, 27.7006, 39.3779

Square

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



25.3776, 27.7006, 22.7481



23.5939, 27.7006, 33.0031



27.3030, 27.7006, 39.0318



29.2669, 27.7006, 27.4874

Rectangle

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



25.3776, 27.7006, 22.7481



23.6353, 27.7006, 27.1593



27.3030, 27.7006, 39.0318



29.2191, 27.7006, 33.3766

Sweetspot

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



25.3783, 27.7018, 22.7487



47.2082, 50.3120, 50.0115



22.3361, 21.6164, 21.7344



10.4760, 11.1820, 10.9891



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.



25.3783, 27.7018, 22.7487



44.9379, 49.4037, 38.0607



23.5331, 26.7506, 22.6623



5.8395, 6.2854, 5.7948



18.6975, 22.5315, 3.3636



0.1788, 0.2154, 0.0322

Inverse Universe

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



20.3632, 20.4220, 29.6581



34.2974, 33.9581, 52.7205



22.0261, 21.2792, 29.7360



5.1297, 5.2550, 6.7727



4.3840, 1.7536, 23.0845



0.0419, 0.0168, 0.2207

Previews

White Background



This preview shows how the XYZ color 25.3776, 27.7006, 22.7481 looks on a white background.

Color Contrast Check

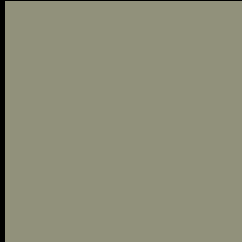
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3776, 27.7006, 22.7481 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

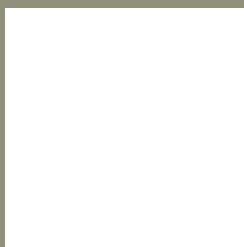
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3776, 27.7006, 22.7481

Background



This preview shows how black text looks on a background with the XYZ color 25.3776, 27.7006, 22.7481.



This preview shows how white text looks on a background with the XYZ color 25.3776, 27.7006,

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

25.3776, 27.7006, 22.7481

Protanopia

26.0978, 27.6294, 22.3699

Deuteranopia

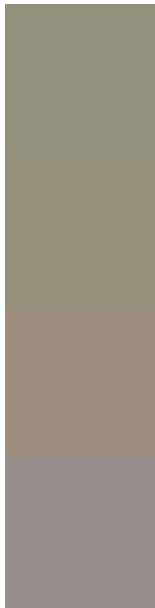
28.0364, 27.5247, 22.9039



Tritanopia

27.5868, 27.7063, 33.5996

Trichromacy



Original Color

25.3776, 27.7006, 22.7481

Protanomaly

25.8805, 27.7412, 22.4029

Deuteranomaly

27.0676, 27.6731, 22.9836

Tritanomaly

26.6935, 27.5650, 29.1130

Monochromacy



Original Color

25.3776, 27.7006, 22.7481

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.5233, 27.2338, 26.8331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3776, 27.7006, 22.7481 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(145, 145, 123)` looks like.

```
.text, #text, p{  
    color:rgb(145, 145, 123)  
}
```

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(145, 145, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 145, 123) }
```

Border

The CSS property to change the border of an element to XYZ 25.3776, 27.7006, 22.7481 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(145, 145, 123) }
```


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

```
.border{ border-color:rgb(145, 145, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 145, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 145, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 145, 123);  
box-shadow:4px 4px 4px 4px rgb(145, 145,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3776, 27.7006, 22.7481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 145, 123) }
```

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

```
.background{ background-color: rgb(145,  
145, 123) }
```

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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