

Converting Colors

XYZ(25.0843, 27.4610, 22.2070)

Have a look what the booklet for
XYZ(25.0843, 27.4610, 22.2070)
contains.

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Color

**XYZ(25.0782, 27.5606,
22.0871)**

Conversions

Conversions Part 1

Format	Color
Hex	909179
RGB	144, 145, 121
RGB Percent	56%, 57%, 47%
CMY	0.4353, 0.4314, 0.5255
CMYK	0.01, 0.00, 0.17, 0.43
HSL	63°, 10%, 52%
HSV	63°, 17%, 57%
XYZ	25.0782, 27.5606, 22.0871
YIQ	141.9650, 7.1080, -7.6760

Conversions

Conversions Part 2

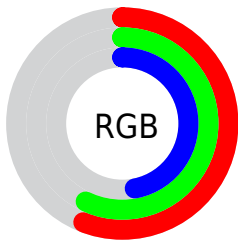
Format	Color
R_{YB}	121, 145, 122
Decimal	9474425
CIE _{Lab}	59.49, -4.69, 12.64
CIE _{LCh}	59, 13.484, 110.371
Yxy	27.5606, 0.3356, 0.3688
Android (android.graphics.Color)	4287664505 (0xFF909179)
YUV	141.9650, -10.3357, 1.7847
Hunter-Lab	52.4982, -6.6030, 11.8042

Details

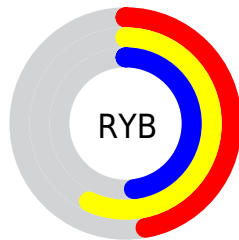
The XYZ color **25.0782, 27.5606, 22.0871** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.9753, 19.8574, 29.5697**, and the grayscale version is **25.7356, 27.0758, 29.4856**.

A 20% lighter version of the original color is **51.2550, 55.8697, 47.6177**, and **9.7761, 10.9795, 7.7349** is the 20% darker color. If you saturate the color by 10%, you get **24.1497, 27.1779, 17.7456**, and if you desaturate by 10%, it is **26.1424, 27.9995, 27.1338**.

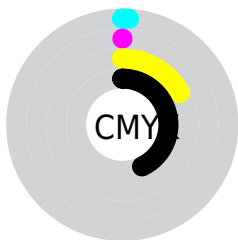
Distribution



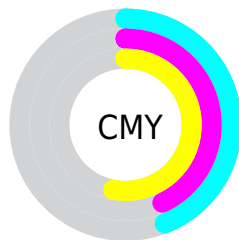
- Red (56%)
- Green (57%)
- Blue (47%)



- Red (47%)
- Yellow (57%)
- Blue (48%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (43%)



- Cyan (44%)
- Magenta (43%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0782, 27.5606, 22.0871 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 25.0782, 27.5606, 22.0871 by changing the saturation by 10% instead.

■ 25.0782, 27.5606,
22.0871

■ 25.0782, 27.5606,
22.0871

270.5676,
290.3613, 275.9691

■ 16.2644, 17.9947,
13.7220

■ 51.2260, 55.7822,
47.7939

■ 9.8035, 10.9462,
7.7910

■ 69.2908, 75.2066,
65.9728

■ 5.3301, 6.0307,
3.8757

■ 91.1698, 98.6860,
88.2599

■ 2.4790, 2.8637,
1.5574

117.2286,
126.6047, 115.0739

■ 0.8847, 1.0610,
0.2601

147.8324,
159.3473, 146.8332

■ 0.0000, 0.0000,
0.0000

183.3466,

197.2979, 183.9565

224.1365,
240.8411, 226.8623

■ 25.0782, 27.5606,
22.0871

■ 25.0782, 27.5606,
22.0871

■ 24.1497, 27.1779,
17.7456

■ 26.1424, 27.9995,
27.1338

■ 23.3488, 26.8454,
14.0764

■ 27.3458, 28.4931,
32.9134

■ 22.6699, 26.5618,
11.0462

■ 28.6942, 29.0449,
39.4541

■ 22.1059, 26.3242,
8.6185

■ 30.1927, 29.6568,
46.7823

■ 21.6492, 26.1296,
6.7531

■ 31.8461, 30.3307,
54.9227

■ 21.2913, 25.9746,
5.4047

■ 33.6588, 31.0683,
63.8995

■ 21.0222, 25.8551,
4.5212

■ 35.6353, 31.8716,
73.7355

■ 20.8261, 25.7649,
4.0190

■ 37.7797, 32.7421,
84.4527

■ 20.7638, 25.7360,
3.8732

■ 40.0960, 33.6814,
96.0723

Harmonies

Analogous

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



26.7441, 27.5606, 21.7208



25.0782, 27.5606, 22.0871



23.7665, 27.5606, 24.4445

Triad

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



25.0782, 27.5606, 22.0871



24.1728, 27.5606, 37.7805



29.5392, 27.5606, 31.5961

Complementary

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



25.0782, 27.5606, 22.0871



19.9753, 19.8574, 29.5697

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.



28.7846, 27.5606, 36.3593



25.0782, 27.5606, 22.0871



25.6545, 27.5606, 40.1752

Square

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



25.0782, 27.5606, 22.0871



23.2597, 27.5606, 33.3738



27.3456, 27.5606, 39.6288



29.3686, 27.5606, 26.8779

Rectangle

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



25.0782, 27.5606, 22.0871



23.2463, 27.5606, 26.9834



27.3456, 27.5606, 39.6288



29.3841, 27.5606, 33.2523

Sweetspot

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



25.0789, 27.5618, 22.0877



47.1111, 50.2619, 50.0070



22.0641, 21.2709, 21.0323



10.4518, 11.1695, 10.9879



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.



25.0789, 27.5618, 22.0877



44.2393, 49.0796, 36.4028



23.1247, 26.5543, 21.9962



5.8176, 6.2741, 5.7938



17.8144, 22.0762, 3.3222



0.1748, 0.2134, 0.0320

Inverse Universe

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



19.9753, 19.8574, 29.5697



33.2627, 32.5088, 52.4953



21.7487, 20.7716, 29.6527



5.1492, 5.2651, 6.7736



4.4545, 1.7900, 23.0878



0.0459, 0.0188, 0.2209

Previews

White Background



This preview shows how the XYZ color 25.0782, 27.5606, 22.0871 looks on a white background.

Color Contrast Check

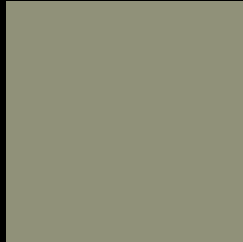
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0782, 27.5606, 22.0871 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 25.0782, 27.5606, 22.0871

Background



This preview shows how black text looks on a background with the XYZ color 25.0782, 27.5606, 22.0871.



This preview shows how white text looks on a background with the XYZ color 25.0782, 27.5606,

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

25.0782, 27.5606, 22.0871

Protanopia

25.9751, 27.5803, 21.7238

Deuteranopia

27.9112, 27.4746, 22.2444



Tritanopia

27.4051, 27.6127, 33.5911

Trichromacy



Original Color

25.0782, 27.5606, 22.0871

Protanomaly

25.5762, 27.5985, 21.7483

Deuteranomaly

26.9424, 27.6230, 22.3241

Tritanomaly

26.5133, 27.4721, 29.1046

Monochromacy



Original Color

25.0782, 27.5606, 22.0871

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.4532, 27.2058, 26.4640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0782, 27.5606, 22.0871 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(144, 145, 121)` looks like.

```
.text, #text, p{  
    color:rgb(144, 145, 121)  
}
```

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(144, 145, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 145, 121) }
```

Border

The CSS property to change the border of an element to XYZ 25.0782, 27.5606, 22.0871 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(144, 145, 121) }
```


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

```
.border{ border-color:rgb(144, 145, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 145, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 145, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 145, 121);  
box-shadow:4px 4px 4px 4px rgb(144, 145,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0782, 27.5606, 22.0871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 145, 121) }
```

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

```
.background{ background-color: rgb(144,  
145, 121) }
```

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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