

Converting Colors

XYZ(25.5239, 21.8611, 20.9872)

Have a look what the booklet for
XYZ(25.5239, 21.8611, 20.9872)
contains.

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Color

**XYZ(25.5183, 21.8574,
20.9631)**

Conversions

Conversions Part 1

Format	Color
Hex	A77379
RGB	167, 115, 121
RGB Percent	65%, 45%, 47%
CMY	0.3451, 0.5490, 0.5255
CMYK	0.00, 0.31, 0.28, 0.35
HSL	353°, 23%, 55%
HSV	353°, 31%, 65%
XYZ	25.5183, 21.8574, 20.9631
YIQ	131.2320, 29.0660, 12.8900

Conversions

Conversions Part 2

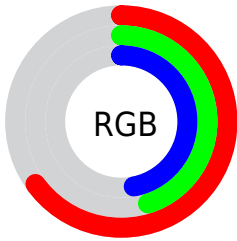
Format	Color
R_{YB}	167, 115, 121
Decimal	10974073
CIE _{Lab}	53.88, 21.37, 4.99
CIE _{LCh}	54, 21.946, 13.140
Yxy	21.8574, 0.3734, 0.3198
Android (android.graphics.Color)	4289164153 (0xFFA77379)
YUV	131.2320, -5.0444, 31.3685
Hunter-Lab	46.7519, 15.6137, 6.1413

Details

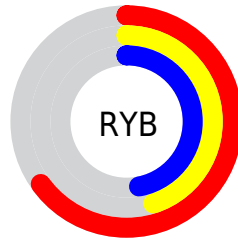
The XYZ color **25.5183, 21.8574, 20.9631** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.3229, 33.8561, 38.8147**, and the grayscale version is **21.6670, 22.7954, 24.8241**.

A 20% lighter version of the original color is **51.7930, 46.3425, 45.7504**, and **10.0902, 7.9549, 7.3070** is the 20% darker color. If you saturate the color by 10%, you get **22.9460, 18.0532, 15.9728**, and if you desaturate by 10%, it is **28.5756, 26.4091, 26.8001**.

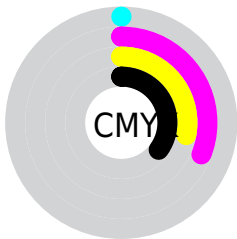
Distribution



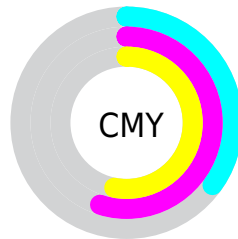
- Red (65%)
- Green (45%)
- Blue (47%)



- Red (65%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (31%)
- Yellow (28%)
- Black (35%)



- Cyan (35%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5183, 21.8574, 20.9631 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 25.5183, 21.8574, 20.9631 by changing the saturation by 10% instead.

■ 25.5183, 21.8574,
20.9631

■ 25.5183, 21.8574,
20.9631

272.7096,
261.8007, 269.8569

■ 16.5944, 13.7522,
12.9061

■ 51.9337, 46.5102,
45.9061

■ 10.0392, 7.9485,
7.2339

■ 70.1559, 63.8265,
63.6291

■ 5.4875, 4.0620,
3.5282

■ 92.2082, 84.9820,
85.4113

■ 2.5737, 1.7083,
1.3702

■ 118.4561,
110.3611, 111.6710

■ 0.9326, 0.4290,
0.1183

149.2648,
140.3481, 142.8269

■ 0.0000, 0.0000,
0.0000

184.9997,

175.3274, 179.2975

226.0262,
215.6835, 221.5013

■ 25.5183, 21.8574,
20.9631

■ 25.5183, 21.8574,
20.9631

■ 22.9460, 18.0532,
15.9728

■ 28.5756, 26.4091,
26.8001

■ 20.8319, 14.9537,
11.7887

■ 32.1392, 31.7421,
33.5194

■ 19.1495, 12.5164,
8.3685


■ 36.2314, 37.8918,
41.1558


■ 17.8687, 10.6929,
5.6659

■ 40.8724, 44.8906,
49.7423


■ 16.9554, 9.4283,
3.6294


■ 46.0817, 52.7689,
59.3099


 16.3701, 8.6579,
2.2004

 51.8776, 61.5560,
69.8884

 16.0562, 8.2635,
1.3766

 58.2776, 71.2795,
81.5061

 65.2985, 81.9660,
94.1903

 69.5806, 86.8892,
106.8422

Harmonies

Analogous

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



25.4309, 21.8574, 27.7738



25.5183, 21.8574, 20.9631



24.2677, 21.8574, 15.9676

Triad

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



25.5183, 21.8574, 20.9631



17.8217, 21.8574, 15.5145



19.4854, 21.8574, 38.5415

Complementary

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



25.5183, 21.8574, 20.9631



27.3229, 33.8561, 38.8147

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.



17.6342, 21.8574, 33.8458



25.5183, 21.8574, 20.9631



16.7248, 21.8574, 20.2227

Square

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



25.5183, 21.8574, 20.9631



19.7594, 21.8574, 13.2477



16.6589, 21.8574, 26.8798



21.8244, 21.8574, 38.8436

Rectangle

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



25.5183, 21.8574, 20.9631



22.8948, 21.8574, 13.9798



16.6589, 21.8574, 26.8798



18.7899, 21.8574, 37.3891

Sweetspot

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



25.5189, 21.8584, 20.9635



58.9284, 58.9026, 62.5965



27.7910, 22.6227, 39.4613



12.9674, 12.8516, 13.5964



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.5189, 21.8584, 20.9635



42.5961, 34.5469, 31.5365



27.6863, 26.7635, 19.9275



7.5650, 7.5559, 8.0265



12.2963, 6.3272, 1.1059



0.3096, 0.1581, 0.0818

Inverse Universe

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



25.5189, 21.8584, 20.9635



42.5961, 34.5469, 31.5365



24.4902, 27.3239, 40.5427



7.5650, 7.5559, 8.0265



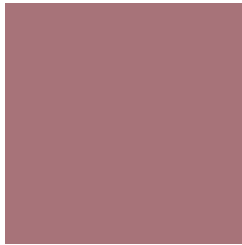
12.2963, 6.3272, 1.1059



0.3096, 0.1581, 0.0818

Previews

White Background



This preview shows how the XYZ color 25.5183, 21.8574, 20.9631 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 25.5183, 21.8574, 20.9631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

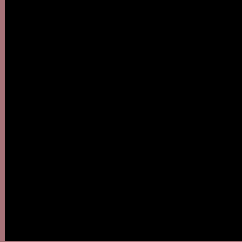
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5183, 21.8574, 20.9631

Background



This preview shows how black text looks on a background with the XYZ color 25.5183, 21.8574, 20.9631.



This preview shows how white text looks on a background with the XYZ color 25.5183, 21.8574,

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

25.5183, 21.8574, 20.9631

Protanopia

20.9755, 21.8222, 23.5286

Deuteranopia

22.3404, 22.0189, 20.5254



Tritanopia

25.6422, 21.9070, 21.6159

Trichromacy



Original Color

25.5183, 21.8574, 20.9631

Protanomaly

22.2862, 21.5759, 22.3920

Deuteranomaly

23.3644, 21.8031, 20.7463

Tritanomaly

25.5799, 21.8821, 21.2878

Monochromacy



Original Color

25.5183, 21.8574, 20.9631

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.6660, 22.1288, 23.1553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5183, 21.8574, 20.9631 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(167, 115, 121)` looks like.

```
.text, #text, p{  
    color:rgb(167, 115, 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(167, 115, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 115, 121) }
```

Border

The CSS property to change the border of an element to XYZ 25.5183, 21.8574, 20.9631 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(167, 115, 121) }
```


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

```
.border{ border-color:rgb(167, 115, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 115, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 115, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 115, 121);  
box-shadow:4px 4px 4px 4px rgb(167, 115,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5183, 21.8574, 20.9631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 115, 121) }
```

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

```
.background{ background-color: rgb(167,  
115, 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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