

Converting Colors

XYZ(25.8753, 21.0656, 21.2729)

Have a look what the booklet for
XYZ(25.8753, 21.0656, 21.2729)
contains.

XYZ(25.7761, 21.0003, 21.1073)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.7761, 21.0003,
21.1073)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6D7A
RGB	171, 109, 122
RGB Percent	67%, 43%, 48%
CMY	0.3294, 0.5725, 0.5216
CMYK	0.00, 0.36, 0.29, 0.33
HSL	347°, 27%, 55%
HSV	347°, 36%, 67%
XYZ	25.7761, 21.0003, 21.1073
YIQ	129.0200, 32.7790, 17.1870

Conversions

Conversions Part 2

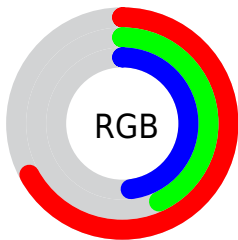
Format	Color
R_{YB}	171, 109, 122
Decimal	11234682
CIE Lab	52.95, 26.44, 3.13
CIE LCh	53, 26.628, 6.749
Yxy	21.0003, 0.3797, 0.3094
Android (android.graphics.Color)	4289424762 (0xFFAB6D7A)
YUV	129.0200, -3.4609, 36.8165
Hunter-Lab	45.8261, 20.2064, 4.7695

Details

The XYZ color **25.7761, 21.0003, 21.1073** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.0421, 34.8462, 37.6502**, and the grayscale version is **20.8774, 21.9647, 23.9195**.

A 20% lighter version of the original color is **52.3798, 45.0397, 45.9772**, and **10.1880, 7.5080, 7.3908** is the 20% darker color. If you saturate the color by 10%, you get **23.3462, 17.3887, 16.4491**, and if you desaturate by 10%, it is **28.6785, 25.3702, 26.4981**.

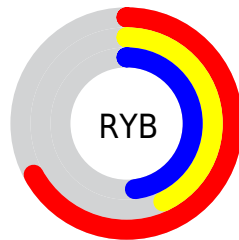
Distribution



Red (67%)

Green (43%)

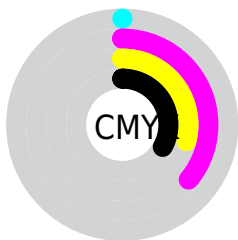
Blue (48%)



Red (67%)

Yellow (43%)

Blue (48%)

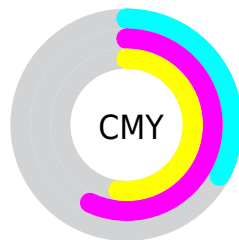


Cyan (0%)

Magenta (36%)

Yellow (29%)

Black (33%)



Cyan (33%)


Magenta (57%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7761, 21.0003, 21.1073 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 25.7761, 21.0003, 21.1073 by changing the saturation by 10% instead.


 25.7761, 21.0003,
21.1073


 25.7761, 21.0003,
21.1073


273.9581,
257.2801, 270.6479


 16.7880, 13.1242,
13.0105


 52.3474, 45.0880,
46.1491

 10.1778, 7.5141,
7.3049


 70.6613, 62.0685,
63.9312

 5.5802, 3.7857,
3.5722

 92.8146, 82.8525,
85.7788

 2.6297, 1.5544,
1.3937

 119.1725,
107.8245, 112.1104

 0.9611, 0.3266,
0.1368

150.1005,
137.3689, 143.3446

 0.0000, 0.0000,
0.0000

185.9638,

171.8700, 179.8999

227.1279,
211.7123, 222.1948

■ 25.7761, 21.0003,
21.1073

■ 25.7761, 21.0003,
21.1073

■ 23.3462, 17.3887,
16.4491

■ 28.6785, 25.3702,
26.4981

■ 21.3617, 14.4893,
12.4902

■ 32.0752, 30.5352,
32.6502

■ 19.7952, 12.2553,
9.1965

■ 35.9886, 36.5333,
39.5926

■ 18.6156, 10.6332,
6.5305

■ 40.4394, 43.3993,
47.3519

■ 17.7871, 9.5613,
4.4506

■ 45.4470, 51.1657,
55.9539

■ 17.2629, 8.9565,
2.9085

■ 51.0299, 59.8636,
65.4229

■ 17.1108, 8.7844,
2.4506

■ 57.2057, 69.5225,
75.7825

■ 63.9912, 80.1707,
87.0552

■ 68.8289, 86.6877,
98.4048

Harmonies

Analogous

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



25.3063, 21.0003, 29.4835



25.7761, 21.0003, 21.1073



24.5750, 21.0003, 14.8498

Triad

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



25.7761, 21.0003, 21.1073



16.9192, 21.0003, 12.6317



17.9162, 21.0003, 40.0874

Complementary

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



25.7761, 21.0003, 21.1073



27.0421, 34.8462, 37.6502

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.



15.9626, 21.0003, 33.3457



25.7761, 21.0003, 21.1073



15.4255, 21.0003, 17.3207

Square

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



25.7761, 21.0003, 21.1073



19.3363, 21.0003, 10.7496



15.0923, 21.0003, 24.7193



20.5973, 21.0003, 41.7700

Rectangle

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



25.7761, 21.0003, 21.1073



23.0488, 21.0003, 12.2730



15.0923, 21.0003, 24.7193



17.1606, 21.0003, 38.2722

Sweetspot

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



25.7767, 21.0013, 21.1077



60.8735, 59.9325, 64.5866



26.8355, 21.1038, 41.1874



13.3721, 13.0543, 14.0427



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.7767, 21.0013, 21.1077



42.4032, 32.0155, 30.6115



27.0892, 24.8300, 17.8341



8.0714, 8.0418, 8.6867



12.9152, 6.6286, 1.9327



0.3786, 0.1921, 0.1553

Inverse Universe

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



25.7767, 21.0013, 21.1077



42.4032, 32.0155, 30.6115



25.1205, 29.1168, 42.8244



8.0714, 8.0418, 8.6867



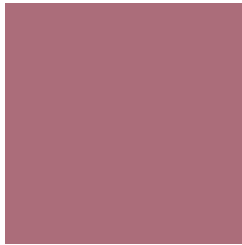
12.9152, 6.6286, 1.9327



0.3786, 0.1921, 0.1553

Previews

White Background



This preview shows how the XYZ color 25.7761, 21.0003, 21.1073 looks on a white background.

Color Contrast Check

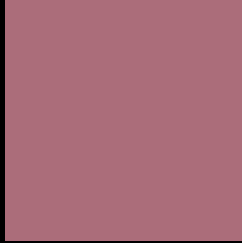
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7761, 21.0003, 21.1073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

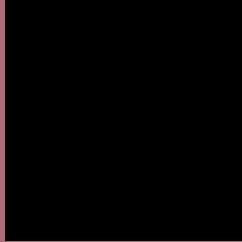
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7761, 21.0003, 21.1073

Background



This preview shows how black text looks on a background with the XYZ color 25.7761, 21.0003, 21.1073.



This preview shows how white text looks on a background with the XYZ color 25.7761, 21.0003,

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

25.7761, 21.0003, 21.1073

Protanopia

20.5278, 21.1768, 24.8354

Deuteranopia

21.5050, 21.0259, 20.6943



Tritanopia

25.6405, 21.1178, 19.8643

Trichromacy



Original Color

25.7761, 21.0003, 21.1073

Protanomaly

22.1144, 20.9207, 23.2946

Deuteranomaly

22.9493, 20.8754, 20.9089

Tritanomaly

25.7003, 21.1417, 20.1790

Monochromacy



Original Color

25.7761, 21.0003, 21.1073

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.2270, 21.3547, 22.6890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7761, 21.0003, 21.1073 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(171, 109, 122)` looks like.

```
.text, #text, p{  
    color:rgb(171, 109, 122)  
}
```

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(171, 109, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 109, 122) }
```

Border

The CSS property to change the border of an element to XYZ 25.7761, 21.0003, 21.1073 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(171, 109, 122) }
```


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

```
.border{ border-color:rgb(171, 109, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 109, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 109, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 109, 122); box-shadow:4px 4px 4px 4px rgb(171, 109, 122) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7761, 21.0003, 21.1073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 109, 122) }
```

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

```
.background{ background-color: rgb(171,  
109, 122) }
```

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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