

Converting Colors

XYZ(25.5134, 21.4161, 18.1183)

Have a look what the booklet for
XYZ(25.5134, 21.4161, 18.1183)
contains.

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Color

**XYZ(25.5134, 21.4161,
18.1183)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7070
RGB	171, 112, 112
RGB Percent	67%, 44%, 44%
CMY	0.3294, 0.5608, 0.5608
CMYK	0.00, 0.35, 0.35, 0.33
HSL	0°, 26%, 55%
HSV	0°, 35%, 67%
XYZ	25.5134, 21.4161, 18.1183
YIQ	129.6410, 35.1640, 12.5080

Conversions

Conversions Part 2

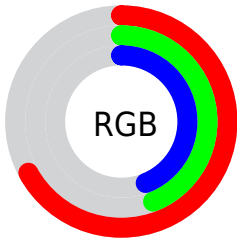
Format	Color
R_{YB}	171, 112, 112
Decimal	11235440
CIE _{Lab}	53.40, 23.39, 9.65
CIE _{LCh}	53, 25.305, 22.424
Yxy	21.4161, 0.3922, 0.3292
Android (android.graphics.Color)	4289425520 (0xFFAB7070)
YUV	129.6410, -8.6970, 36.2718
Hunter-Lab	46.2775, 17.4237, 9.1814

Details

The XYZ color **25.5134, 21.4161, 18.1183** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.5952, 35.5097, 43.8751**, and the grayscale version is **21.1129, 22.2124, 24.1893**.

A 20% lighter version of the original color is **51.9712, 45.7252, 41.2086**, and **10.0390, 7.7071, 5.8090** is the 20% darker color. If you saturate the color by 10%, you get **22.9394, 17.6497, 13.0006**, and if you desaturate by 10%, it is **28.6277, 25.9734, 24.3086**.

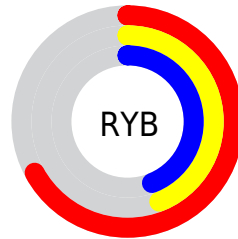
Distribution



Red (67%)

Green (44%)

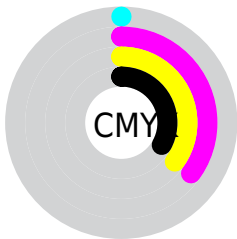
Blue (44%)



Red (67%)

Yellow (44%)

Blue (44%)

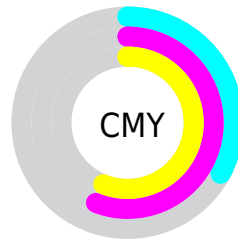


Cyan (0%)

Magenta (35%)

Yellow (35%)

Black (33%)



Cyan (33%)


Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5134, 21.4161, 18.1183 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 25.5134, 21.4161, 18.1183 by changing the saturation by 10% instead.

 25.5134, 21.4161,
18.1183


 25.5134, 21.4161,
18.1183


272.6859,
259.4816, 253.7955


 16.5907, 13.4285,
10.8646


 51.9258, 45.7790,
41.0555


 10.0366, 7.7243,
5.8629


 70.1463, 62.9231,
57.5760

 5.4857, 3.9190,
2.6944

 92.1967, 83.8882,
78.0227

 2.5726, 1.6284,
0.9406

 118.4424,
109.0586, 102.8139

 0.9320, 0.3766,
0.0000

149.2489,
138.8188, 132.3682

 0.0000, 0.0000,
0.0000

184.9814,

173.5530, 167.1043

226.0052,
213.6459, 207.4405

■ 25.5134, 21.4161,
18.1183

■ 25.5134, 21.4161,
18.1183

■ 22.9394, 17.6497,
13.0006

■ 28.6277, 25.9734,
24.3086

■ 20.8733, 14.6265,
8.8934

■ 32.3087, 31.3598,
31.6264

■ 19.2821, 12.2980,
5.7302


■ 36.5833, 37.6147,
40.1242


■ 18.1279, 10.6091,
3.4360

■ 41.4760, 44.7741,
49.8508


■ 17.3675, 9.4963,
1.9245


■ 47.0101, 52.8720,
60.8525


 16.9483, 8.8828,
1.0912

 53.2075, 61.9405,
73.1730

 16.7947, 8.6582,
0.7860

 60.0893, 72.0103,
86.8539

 67.6754, 83.1109,
101.9351

 70.6046, 87.3979,
107.7560

Harmonies

Analogous

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



25.9172, 21.4161, 25.3238



25.5134, 21.4161, 18.1183



23.6706, 21.4161, 13.4491

Triad

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



25.5134, 21.4161, 18.1183



16.5298, 21.4161, 15.4105



19.6819, 21.4161, 41.2719

Complementary

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



25.5134, 21.4161, 18.1183



28.5952, 35.5097, 43.8751

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.



17.3651, 21.4161, 37.1180



25.5134, 21.4161, 18.1183



15.6523, 21.4161, 21.4220

Square

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



25.5134, 21.4161, 18.1183



18.4478, 21.4161, 12.1425



15.9441, 21.4161, 29.4291



22.3901, 21.4161, 39.8410

Rectangle

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



25.5134, 21.4161, 18.1183



21.9554, 21.4161, 11.8675



15.9441, 21.4161, 29.4291



18.8350, 21.4161, 40.4558

Sweetspot

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



25.5140, 21.4171, 18.1187



61.0415, 60.8145, 62.9597



29.9396, 23.1868, 41.4257



13.3840, 13.2276, 13.5861



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.



25.5140, 21.4171, 18.1187



42.2701, 33.3465, 25.6428



29.3182, 29.0255, 19.3868



8.0053, 8.0154, 8.3386



12.6607, 6.5270, 0.5925



0.3522, 0.1816, 0.0165

Inverse Universe

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



28.5952, 35.5097, 43.8751



48.5881, 62.2427, 78.4551



23.6318, 25.5828, 42.2206



8.2363, 9.0720, 10.2697



16.5183, 24.1704, 32.8393



0.4595, 0.6724, 0.9136

Previews

White Background



This preview shows how the XYZ color 25.5134, 21.4161, 18.1183 looks on a white background.

Color Contrast Check

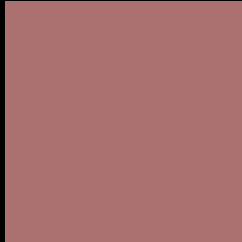
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5134, 21.4161, 18.1183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

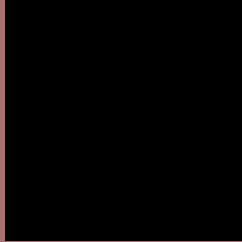
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5134, 21.4161, 18.1183

Background



This preview shows how black text looks on a background with the XYZ color 25.5134, 21.4161, 18.1183.



This preview shows how white text looks on a background with the XYZ color 25.5134, 21.4161,

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

25.5134, 21.4161, 18.1183

Protanopia

20.4953, 21.4403, 20.8275

Deuteranopia

21.9301, 21.4948, 17.7449



Tritanopia

26.0275, 21.4714, 20.2254

Trichromacy



Original Color

25.5134, 21.4161, 18.1183

Protanomaly

22.0245, 21.3144, 19.7829

Deuteranomaly

23.1764, 21.4093, 17.9498

Tritanomaly

25.8501, 21.4005, 19.2913

Monochromacy



Original Color

25.5134, 21.4161, 18.1183

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.3352, 21.6157, 21.7340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5134, 21.4161, 18.1183 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, 112, 112)` looks like.

```
.text, #text, p{  
    color:rgb(171, 112, 112)  
}
```

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, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 112, 112) }
```

Border

The CSS property to change the border of an element to XYZ 25.5134, 21.4161, 18.1183 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, 112, 112) }
```


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

```
.border{ border-color:rgb(171, 112, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 112, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(171, 112,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5134, 21.4161, 18.1183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 112, 112) }
```

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

```
.background{ background-color: rgb(171,  
112, 112) }
```

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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