

Converting Colors

XYZ(25.6775, 21.6976, 18.5880)

Have a look what the booklet for
XYZ(25.6775, 21.6976, 18.5880)
contains.

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Color

**XYZ(25.6803, 21.6604,
18.4502)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7171
RGB	171, 113, 113
RGB Percent	67%, 44%, 44%
CMY	0.3294, 0.5568, 0.5569
CMYK	0.00, 0.34, 0.34, 0.33
HSL	0°, 26%, 56%
HSV	0°, 34%, 67%
XYZ	25.6803, 21.6604, 18.4502
YIQ	130.3420, 34.5680, 12.2960

Conversions

Conversions Part 2

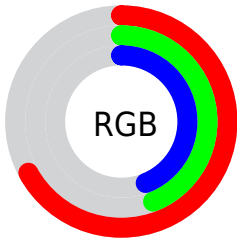
Format	Color
R_{YB}	171, 113, 113
Decimal	11235697
CIE Lab	53.66, 22.96, 9.44
CIE LCh	54, 24.824, 22.346
Yxy	21.6604, 0.3903, 0.3292
Android (android.graphics.Color)	4289425777 (0xFFAB7171)
YUV	130.3420, -8.5496, 35.6571
Hunter-Lab	46.5407, 17.0466, 9.0741

Details

The XYZ color **25.6803, 21.6604, 18.4502** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.7231, 35.5755, 43.8809**, and the grayscale version is **21.3605, 22.4729, 24.4730**.

A 20% lighter version of the original color is **52.2416, 46.1209, 41.7461**, and **10.1236, 7.8304, 5.9789** is the 20% darker color. If you saturate the color by 10%, you get **23.0756, 17.8491, 13.2715**, and if you desaturate by 10%, it is **28.8270, 26.2651, 24.7050**.

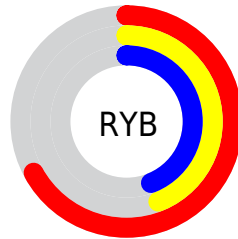
Distribution



Red (67%)

Green (44%)

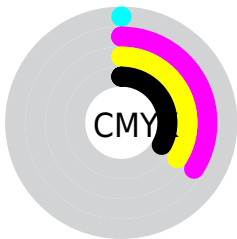
Blue (44%)



Red (67%)

Yellow (44%)

Blue (44%)

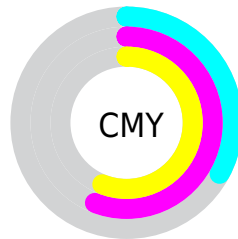


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (33%)



Cyan (33%)


Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6803, 21.6604, 18.4502 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 25.6803, 21.6604, 18.4502 by changing the saturation by 10% instead.


 25.6803, 21.6604,
18.4502


 25.6803, 21.6604,
18.4502


273.4947,
260.7676, 255.7173


 16.7160, 13.6076,
11.1009


 52.1937, 46.1841,
41.6272


 10.1263, 7.8482,
6.0197


 70.4736, 63.4237,
58.2920

 5.5457, 3.9980,
2.7881

 92.5894, 84.4944,
78.8991

 2.6089, 1.6724,
0.9875

 118.9065,
109.7806, 103.8670

 0.9505, 0.4057,
0.0000

149.7902,
139.6666, 133.6142

 0.0000, 0.0000,
0.0000

185.6059,

174.5368, 168.5593

226.7190,
214.7757, 209.1208

■ 25.6803, 21.6604,
18.4502

■ 25.6803, 21.6604,
18.4502

■ 23.0756, 17.8491,
13.2715

■ 28.8270, 26.2651,
24.7050

■ 20.9807, 14.7836,
9.1069

■ 32.5420, 31.7013,
32.0903

■ 19.3626, 12.4160,
5.8905


■ 36.8521, 38.0081,
40.6586

■ 18.1841, 10.6914,
3.5478

■ 41.7816, 45.2214,
50.4585


■ 17.4020, 9.5468,
1.9931


■ 47.3539, 53.3751,
61.5361


 16.9646, 8.9067,
1.1238

 53.5907, 62.5013,
73.9350

 16.7947, 8.6581,
0.7860

 60.5131, 72.6305,
87.6967

 68.1410, 83.7921,
102.8610

 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.



26.0739, 21.6604, 25.5861



25.6803, 21.6604, 18.4502



23.8668, 21.6604, 13.7983

Triad

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



25.6803, 21.6604, 18.4502



16.8039, 21.6604, 15.7319



19.9150, 21.6604, 41.2484

Complementary

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



25.6803, 21.6604, 18.4502



28.7231, 35.5755, 43.8809

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.



17.6233, 21.6604, 37.1594



25.6803, 21.6604, 18.4502



15.9304, 21.6604, 21.6901

Square

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



25.6803, 21.6604, 18.4502



18.7066, 21.6604, 12.4803



16.2170, 21.6604, 29.5925



22.5905, 21.6604, 39.8593

Rectangle

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



25.6803, 21.6604, 18.4502



22.1751, 21.6604, 12.2143



16.2170, 21.6604, 29.5925



19.0776, 21.6604, 40.4432

Sweetspot

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



25.6809, 21.6614, 18.4506



61.0416, 60.8146, 62.9597



30.0505, 23.4087, 41.4625



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.



25.6809, 21.6614, 18.4506



42.2701, 33.3466, 25.6429



29.4483, 29.1963, 19.7064



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.



28.7231, 35.5755, 43.8809



48.5880, 62.2425, 78.4550



23.8339, 25.7972, 42.2512



8.2363, 9.0720, 10.2697



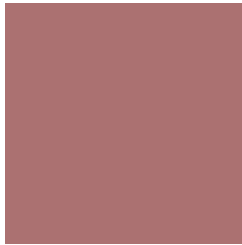
16.5182, 24.1702, 32.8392



0.4595, 0.6724, 0.9136

Previews

White Background



This preview shows how the XYZ color 25.6803, 21.6604, 18.4502 looks on a white background.

Color Contrast Check

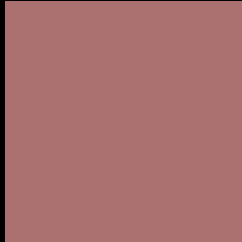
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6803, 21.6604, 18.4502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

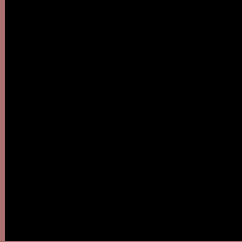
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6803, 21.6604, 18.4502

Background



This preview shows how black text looks on a background with the XYZ color 25.6803, 21.6604, 18.4502.



This preview shows how white text looks on a background with the XYZ color 25.6803, 21.6604,

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

25.6803, 21.6604, 18.4502

Protanopia

20.8432, 21.8054, 21.1995

Deuteranopia

22.1095, 21.7660, 18.0749



Tritanopia

26.1976, 21.7151, 20.5800

Trichromacy



Original Color

25.6803, 21.6604, 18.4502

Protanomaly

22.3856, 21.6770, 20.1438

Deuteranomaly

23.3514, 21.6707, 18.2813

Tritanomaly

26.0183, 21.6434, 19.6359

Monochromacy



Original Color

25.6803, 21.6604, 18.4502

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.5228, 21.8903, 22.1069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6803, 21.6604, 18.4502 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, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(171, 113, 113)  
}
```

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, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 113, 113) }
```

Border

The CSS property to change the border of an element to XYZ 25.6803, 21.6604, 18.4502 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, 113, 113) }
```


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

```
.border{ border-color:rgb(171, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(171, 113,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6803, 21.6604, 18.4502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 113, 113) }
```

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

```
.background{ background-color: rgb(171,  
113, 113) }
```

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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