

Converting Colors

XYZ(25.3242, 21.1703, 17.8057)

Have a look what the booklet for
XYZ(25.3242, 21.1703, 17.8057)
contains.

XYZ(25.3483, 21.1745, 17.7900)	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(25.3483, 21.1745,
17.7900)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6F6F
RGB	171, 111, 111
RGB Percent	67%, 44%, 44%
CMY	0.3294, 0.5647, 0.5647
CMYK	0.00, 0.35, 0.35, 0.33
HSL	0°, 26%, 55%
HSV	0°, 35%, 67%
XYZ	25.3483, 21.1745, 17.7900
YIQ	128.9400, 35.7600, 12.7200

Conversions

Conversions Part 2

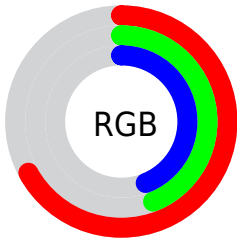
Format	Color
R_{YB}	171, 111, 111
Decimal	11235183
CIE Lab	53.14, 23.82, 9.87
CIE LCh	53, 25.787, 22.503
Yxy	21.1745, 0.3941, 0.3292
Android (android.graphics.Color)	4289425263 (0xFFAB6F6F)
YUV	128.9400, -8.8444, 36.8866
Hunter-Lab	46.0158, 17.8012, 9.2891

Details

The XYZ color **25.3483, 21.1745, 17.7900** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.4686, 35.4444, 43.8692**, and the grayscale version is **20.8669, 21.9537, 23.9075**.

A 20% lighter version of the original color is **51.7030, 45.3327, 40.6754**, and **9.9559, 7.5860, 5.6421** is the 20% darker color. If you saturate the color by 10%, you get **22.8049, 17.4529, 12.7332**, and if you desaturate by 10%, it is **28.4302, 25.6845, 23.9161**.

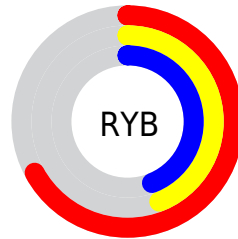
Distribution



Red (67%)

Green (44%)

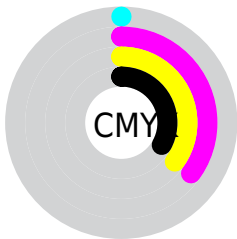
Blue (44%)



Red (67%)

Yellow (44%)

Blue (44%)

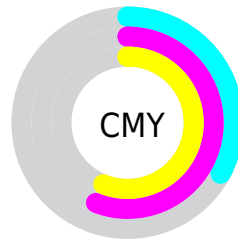


Cyan (0%)

Magenta (35%)

Yellow (35%)

Black (33%)



Cyan (33%)


Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3483, 21.1745, 17.7900 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 25.3483, 21.1745, 17.7900 by changing the saturation by 10% instead.


 25.3483, 21.1745,
17.7900


 25.3483, 21.1745,
17.7900


271.8838,
258.2044, 251.8809


 16.4669, 13.2516,
10.6314

 51.6605, 45.3778,
40.4883


 9.9480, 7.6020,
5.7085


 69.8220, 62.4269,
56.8650

 5.4265, 3.8414,
2.6028

 91.8076, 83.2870,
77.1516

 2.5369, 1.5852,
0.8939

 117.9826,
108.3423, 101.7666

 0.9139, 0.3476,
0.0000

148.7124,
137.9774, 131.1285

 0.0000, 0.0000,
0.0000

184.3622,

172.5765, 165.6558

225.2976,
212.5240, 205.7671

■ 25.3483, 21.1745,
17.7900

■ 25.3483, 21.1745,
17.7900

■ 22.8049, 17.4529,
12.7332

■ 28.4302, 25.6845,
23.9161

■ 20.7675, 14.4717,
8.6831

■ 32.0773, 31.0212,
31.1664

■ 19.2029, 12.1822,
5.5729


■ 36.3165, 37.2243,
39.5937


■ 18.0731, 10.5289,
3.3270

■ 41.1724, 44.3298,
49.2472

■ 17.3342, 9.4476,
1.8582


■ 46.6684, 52.3719,
60.1731


 16.9320, 8.8589,
1.0588

 52.8264, 61.3827,
72.4153

 16.7948, 8.6582,
0.7860

 59.6675, 71.3932,
86.0155

 67.2119, 82.4326,
101.0138

 70.6046, 87.3980,
107.7560

Harmonies

Analogous

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



25.7624, 21.1745, 25.0631



25.3483, 21.1745, 17.7900



23.4763, 21.1745, 13.1056

Triad

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



25.3483, 21.1745, 17.7900



16.2589, 21.1745, 15.0945



19.4518, 21.1745, 41.2983

Complementary

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



25.3483, 21.1745, 17.7900



28.4686, 35.4444, 43.8692

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.



17.1102, 21.1745, 37.0798



25.3483, 21.1745, 17.7900



15.3778, 21.1745, 21.1579

Square

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



25.3483, 21.1745, 17.7900



18.1917, 21.1745, 11.8112



15.6748, 21.1745, 29.2691



22.1922, 21.1745, 39.8245

Rectangle

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



25.3483, 21.1745, 17.7900



21.7376, 21.1745, 11.5273



15.6748, 21.1745, 29.2691



18.5956, 21.1745, 40.4715

Sweetspot

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



25.3489, 21.1755, 17.7904



60.2757, 59.6939, 61.4372



29.8299, 22.9673, 41.3891



13.2257, 12.9959, 13.2713



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.



25.3489, 21.1755, 17.7904



41.8270, 32.6982, 24.7620



29.1889, 28.8556, 19.0704



8.0053, 8.0154, 8.3386



12.6608, 6.5270, 0.5925



0.3522, 0.1816, 0.0165

Inverse Universe

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



28.4686, 35.4444, 43.8692



48.2483, 62.0673, 78.4391



23.4313, 25.3698, 42.1901



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 25.3483, 21.1745, 17.7900 looks on a white background.

Color Contrast Check

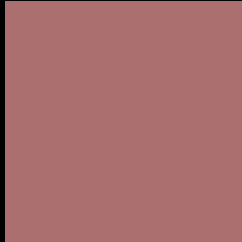
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3483, 21.1745, 17.7900 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 25.3483, 21.1745, 17.7900

Background



This preview shows how black text looks on a background with the XYZ color 25.3483, 21.1745, 17.7900.



This preview shows how white text looks on a background with the XYZ color 25.3483, 21.1745,

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

25.3483, 21.1745, 17.7900

Protanopia

20.2792, 21.3359, 20.5022

Deuteranopia

21.5739, 21.1342, 17.4102



Tritanopia

25.8592, 21.2305, 19.8745

Trichromacy



Original Color

25.3483, 21.1745, 17.7900

Protanomaly

21.8438, 21.0467, 19.4341

Deuteranomaly

22.8105, 21.0512, 17.6129

Tritanomaly

25.6837, 21.1603, 18.9503

Monochromacy



Original Color

25.3483, 21.1745, 17.7900

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.9740, 21.2535, 21.3565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3483, 21.1745, 17.7900 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, 111, 111)` looks like.

```
.text, #text, p{  
    color:rgb(171, 111, 111)  
}
```

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, 111, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 111, 111) }
```

Border

The CSS property to change the border of an element to XYZ 25.3483, 21.1745, 17.7900 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, 111, 111) }
```


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

```
.border{ border-color:rgb(171, 111, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 111, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 111, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 111, 111);  
box-shadow:4px 4px 4px 4px rgb(171, 111,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3483, 21.1745, 17.7900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 111, 111) }
```

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

```
.background{ background-color: rgb(171,  
111, 111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor