

Converting Colors

XYZ(25.0872, 20.7485, 16.3228)

Have a look what the booklet for
XYZ(25.0872, 20.7485, 16.3228)
contains.

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Color

**XYZ(25.0834, 20.7485,
16.3185)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6D6A
RGB	172, 109, 106
RGB Percent	67%, 43%, 42%
CMY	0.3255, 0.5725, 0.5843
CMYK	0.00, 0.37, 0.38, 0.33
HSL	3°, 28%, 55%
HSV	3°, 38%, 67%
XYZ	25.0834, 20.7485, 16.3185
YIQ	127.4950, 38.5110, 12.4230

Conversions

Conversions Part 2

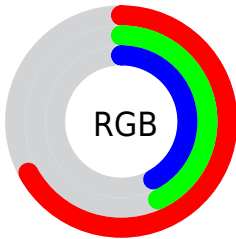
Format	Color
R_{YB}	172, 109, 106
Decimal	11300202
CIE _{Lab}	52.67, 24.71, 12.17
CIE _{LCh}	53, 27.543, 26.214
Yxy	20.7485, 0.4036, 0.3338
Android (android.graphics.Color)	4289490282 (0xFFAC6D6A)
YUV	127.4950, -10.5970, 39.0309
Hunter-Lab	45.5505, 18.5816, 10.6447

Details

The XYZ color **25.0834, 20.7485, 16.3185** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.5777, 34.4174, 44.2195**, and the grayscale version is **20.3697, 21.4305, 23.3378**.

A 20% lighter version of the original color is **51.1438, 44.5821, 37.8079**, and **9.7414, 7.3294, 5.0390** is the 20% darker color. If you saturate the color by 10%, you get **22.6863, 17.2450, 11.5403**, and if you desaturate by 10%, it is **27.9881, 24.9800, 22.1514**.

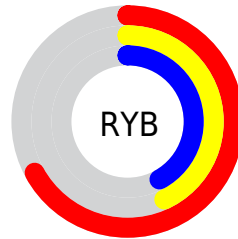
Distribution



Red (67%)

Green (43%)

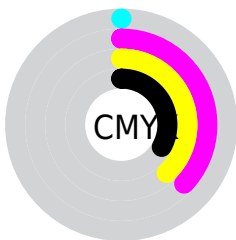
Blue (42%)



Red (67%)

Yellow (43%)

Blue (42%)

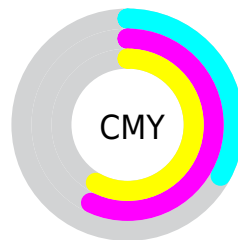


Cyan (0%)

Magenta (37%)

Yellow (38%)

Black (33%)



Cyan (33%)


Magenta (57%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0834, 20.7485, 16.3185 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 25.0834, 20.7485, 16.3185 by changing the saturation by 10% instead.


 25.0834, 20.7485,
16.3185


 25.0834, 20.7485,
16.3185


270.5930,
255.9389, 243.1234


 16.2683, 12.9403,
9.5930


 51.2344, 44.6686,
37.9247


 9.8062, 7.3874,
5.0279


 69.3010, 61.5493,
53.6425

 5.3320, 3.7056,
2.2046

 91.1821, 82.2229,
73.1949

 2.4801, 1.5103,
0.6770

 117.2431,
107.0738, 97.0003

 0.8852, 0.2959,
0.0000

147.8493,
136.4865, 125.4773

 0.0000, 0.0000,
0.0000

183.3662,

170.8453, 159.0445

224.1589,
210.5346, 198.1203

■ 25.0834, 20.7485,
16.3185

■ 25.0834, 20.7485,
16.3185

■ 22.6863, 17.2450,
11.5403

■ 27.9881, 24.9800,
22.1514

■ 20.7661, 14.4257,
7.7528

■ 31.4256, 29.9741,
29.0955

■ 19.2915, 12.2467,
4.8867

■ 35.4211, 35.7668,
37.2047


■ 18.2265, 10.6577,
2.8634


■ 39.9981, 42.3910,
46.5291


■ 17.5296, 9.6013,
1.5912


■ 45.1784, 49.8776,
57.1159

 17.1426, 9.0048,
0.9150

 50.9829, 58.2562,
69.0096

 17.0982, 8.9406,
0.8245

 57.4314, 67.5548,
82.2527

 64.5428, 77.8001,
96.8857

 70.8233, 87.5107,
107.7662

Harmonies

Analogous

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



25.7396, 20.7485, 23.6487



25.0834, 20.7485, 16.3185



22.9433, 20.7485, 11.8583

Triad

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



25.0834, 20.7485, 16.3185



15.4902, 20.7485, 14.9095



19.3596, 20.7485, 42.2571

Complementary

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



25.0834, 20.7485, 16.3185



27.5777, 34.4174, 44.2195

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.



16.8152, 20.7485, 38.3916



25.0834, 20.7485, 16.3185



14.7221, 20.7485, 21.5665

Square

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



25.0834, 20.7485, 16.3185



17.3877, 20.7485, 11.1937



15.1828, 20.7485, 30.2959



22.2538, 20.7485, 39.8932

Rectangle

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



25.0834, 20.7485, 16.3185



21.0620, 20.7485, 10.4786



15.1828, 20.7485, 30.2959



18.4379, 20.7485, 41.6231

Sweetspot

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



25.0839, 20.7495, 16.3189



61.3507, 60.6719, 61.5847



29.4042, 21.9736, 40.6227



13.1355, 12.8992, 12.9829



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.



25.0839, 20.7495, 16.3189



41.7713, 32.1855, 22.1566



29.1693, 28.9202, 17.6807



8.0334, 8.0716, 8.3479



12.7350, 6.6754, 0.6173



0.3635, 0.2042, 0.0203

Inverse Universe

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



27.5777, 34.4174, 44.2195



46.9339, 60.5115, 80.0120



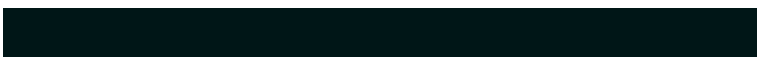
22.3077, 23.8774, 42.4628



8.2046, 9.0087, 10.2591



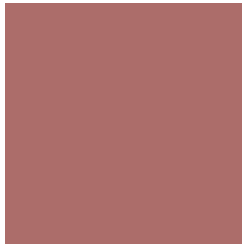
15.4546, 22.0430, 32.4847



0.4393, 0.6319, 0.9068

Previews

White Background



This preview shows how the XYZ color 25.0834, 20.7485, 16.3185 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 25.0834, 20.7485, 16.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

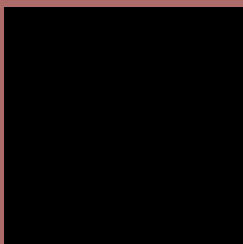
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0834, 20.7485, 16.3185

Background



This preview shows how black text looks on a background with the XYZ color 25.0834, 20.7485, 16.3185.

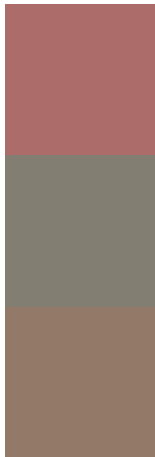


This preview shows how white text looks on a background with the XYZ color 25.0834, 20.7485,

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

25.0834, 20.7485, 16.3185

Protanopia

19.8582, 20.9619, 18.9190

Deuteranopia

21.1901, 20.7852, 15.9918



Tritanopia

25.7485, 20.8703, 19.1943

Trichromacy



Original Color

25.0834, 20.7485, 16.3185

Protanomaly

21.4398, 20.6916, 17.9028

Deuteranomaly

22.4287, 20.7111, 16.1801

Tritanomaly

25.5208, 20.7792, 17.9949

Monochromacy



Original Color

25.0834, 20.7485, 16.3185

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.3739, 20.6045, 20.3033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0834, 20.7485, 16.3185 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(172, 109, 106)` looks like.

```
.text, #text, p{  
    color:rgb(172, 109, 106)  
}
```

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(172, 109, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 109, 106) }
```

Border

The CSS property to change the border of an element to XYZ 25.0834, 20.7485, 16.3185 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(172, 109, 106) }
```


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

```
.border{ border-color:rgb(172, 109, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 109, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 109, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 109, 106);  
box-shadow:4px 4px 4px 4px rgb(172, 109,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0834, 20.7485, 16.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 109, 106) }
```

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

```
.background{ background-color: rgb(172,  
109, 106) }
```

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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