

Converting Colors

XYZ(24.3326, 22.5543, 16.0710)

Have a look what the booklet for
XYZ(24.3326, 22.5543, 16.0710)
contains.

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Color

**XYZ(24.3585, 22.5999,
16.1751)**

Conversions

Conversions Part 1

Format	Color
Hex	A27A68
RGB	162, 122, 104
RGB Percent	64%, 48%, 41%
CMY	0.3647, 0.5216, 0.5922
CMYK	0.00, 0.25, 0.36, 0.36
HSL	19°, 24%, 52%
HSV	19°, 36%, 64%
XYZ	24.3585, 22.5999, 16.1751
YIQ	131.9080, 29.6180, 2.8820

Conversions

Conversions Part 2

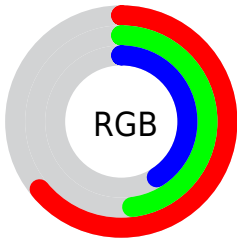
Format	Color
R_{YB}	162, 130, 104
Decimal	10648168
CIE _{Lab}	54.66, 13.04, 15.90
CIE _{LCh}	55, 20.561, 50.654
Yxy	22.5999, 0.3858, 0.3580
Android (android.graphics.Color)	4288838248 (0xFFA27A68)
YUV	131.9080, -13.7586, 26.3907
Hunter-Lab	47.5394, 8.2670, 13.1043

Details

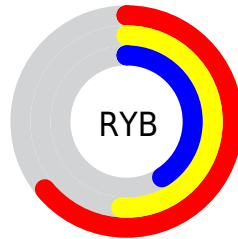
The XYZ color **24.3585, 22.5999, 16.1751** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.2034, 25.4974, 37.9337**, and the grayscale version is **21.9400, 23.0826, 25.1369**.

A 20% lighter version of the original color is **50.1598, 47.9319, 37.6184**, and **9.4277, 8.3117, 4.9783** is the 20% darker color. If you saturate the color by 10%, you get **22.3197, 19.7151, 11.8184**, and if you desaturate by 10%, it is **26.7143, 25.8655, 21.4179**.

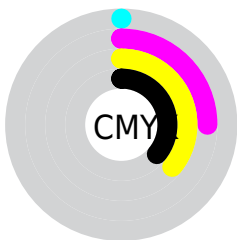
Distribution



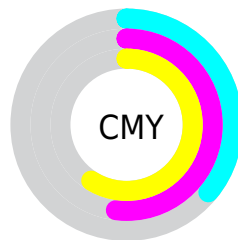
- Red (64%)
- Green (48%)
- Blue (41%)



- Red (64%)
- Yellow (51%)
- Blue (41%)



- Cyan (0%)
- Magenta (25%)
- Yellow (36%)
- Black (36%)





- Cyan (36%)
- Magenta (52%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3585, 22.5999, 16.1751 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 24.3585, 22.5999, 16.1751 by changing the saturation by 10% instead.

 24.3585, 22.5999,
16.1751


 24.3585, 22.5999,
16.1751


267.0349,
265.6633, 242.2536


 15.7259, 14.2984,
9.4924

 50.0650, 47.7355,
37.6729


 9.4200, 8.3285,
4.9626


 67.8697, 65.3384,
53.3252

 5.0755, 4.3058,
2.1670

 89.4624, 86.8105,
72.8044

 2.3268, 1.8461,
0.6552

 115.2086,
112.5362, 96.5291

 0.8083, 0.5156,
0.0000

145.4736,
142.9000, 124.9178

 0.0000, 0.0000,
0.0000

180.6228,

178.2861, 158.3891

221.0214,
219.0791, 197.3616

■ 24.3585, 22.5999,
16.1751

■ 24.3585, 22.5999,
16.1751

■ 22.3197, 19.7151,
11.8184

■ 26.7143, 25.8655,
21.4179

■ 20.5818, 17.1936,
8.2968

■ 29.3987, 29.5222,
27.5912

■ 19.1296, 15.0212,
5.5562


■ 32.4250, 33.5838,
34.7379

■ 17.9460, 13.1816,
3.5354


■ 35.8051, 38.0625,
42.8980


■ 17.0118, 11.6569,
2.1640


■ 39.5502, 42.9699,
52.1091


 16.3026, 10.4263,
1.3485

 43.6713, 48.3173,
62.4069

 16.0531, 9.9871,
1.0816

 48.1786, 54.1153,
73.8255

 53.0821, 60.3745,
86.3975

 58.3913, 67.1048,
100.1540

Harmonies

Analogous

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



25.8140, 22.5999, 20.4692



24.3585, 22.5999, 16.1751



22.1948, 22.5999, 14.2472

Triad

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



24.3585, 22.5999, 16.1751



17.4674, 22.5999, 22.6390



23.0518, 22.5999, 38.2043

Complementary

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



24.3585, 22.5999, 16.1751



22.2034, 25.4974, 37.9337

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.



20.7817, 22.5999, 39.0625



24.3585, 22.5999, 16.1751



17.6614, 22.5999, 29.2689

Square

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



24.3585, 22.5999, 16.1751



18.2888, 22.5999, 17.5232



18.8387, 22.5999, 35.5550



25.0236, 22.5999, 33.3822

Rectangle

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



24.3585, 22.5999, 16.1751



20.6862, 22.5999, 14.2815



18.8387, 22.5999, 35.5550



22.2949, 22.5999, 38.9954

Sweetspot

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



24.3591, 22.6010, 16.1756



55.8162, 56.8893, 55.8244



24.9308, 19.6143, 29.0987



12.3800, 12.5673, 12.1703



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.3591, 22.6010, 16.1756



41.2098, 36.7769, 22.9004



28.3694, 30.6215, 17.5123



7.2448, 7.4280, 7.4320



12.6817, 7.9373, 0.8637



0.3068, 0.2474, 0.0316

Inverse Universe

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



22.2034, 25.4974, 37.9337



36.6906, 42.8072, 68.3849



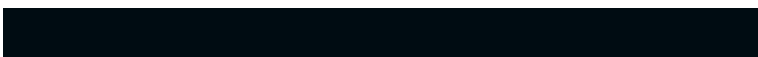
18.4301, 17.9507, 36.6759



7.0897, 7.6385, 9.0038



9.7174, 11.2142, 28.5822



0.2432, 0.3137, 0.6136

Previews

White Background



This preview shows how the XYZ color 24.3585, 22.5999, 16.1751 looks on a white background.

Color Contrast Check

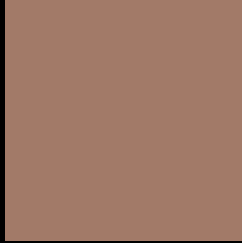
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3585, 22.5999, 16.1751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

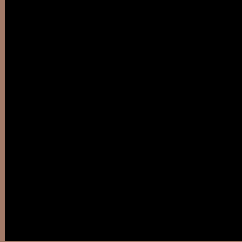
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3585, 22.5999, 16.1751

Background



This preview shows how black text looks on a background with the XYZ color 24.3585, 22.5999, 16.1751.



This preview shows how white text looks on a background with the XYZ color 24.3585, 22.5999,

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

24.3585, 22.5999, 16.1751

Protanopia

21.4705, 22.8043, 17.4574

Deuteranopia

23.0459, 22.6733, 15.9937



Tritanopia

25.8029, 22.6447, 23.4330

Trichromacy



Original Color

24.3585, 22.5999, 16.1751

Protanomaly

22.4056, 22.7029, 17.1111

Deuteranomaly

23.4921, 22.7144, 15.9781

Tritanomaly

25.1505, 22.5514, 20.4800

Monochromacy



Original Color

24.3585, 22.5999, 16.1751

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.5597, 22.6831, 21.6016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3585, 22.5999, 16.1751 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(162, 122, 104)` looks like.

```
.text, #text, p{  
    color:rgb(162, 122, 104)  
}
```

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(162, 122, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 122, 104) }
```

Border

The CSS property to change the border of an element to XYZ 24.3585, 22.5999, 16.1751 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(162, 122, 104) }
```


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

```
.border{ border-color:rgb(162, 122, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 122, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 122, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 122, 104);  
box-shadow:4px 4px 4px 4px rgb(162, 122,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3585, 22.5999, 16.1751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 122, 104) }
```

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

```
.background{ background-color: rgb(162,  
122, 104) }
```

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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