

Converting Colors

XYZ(24.5500, 23.3098, 14.8016)

Have a look what the booklet for
XYZ(24.5500, 23.3098, 14.8016)
contains.

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Color

**XYZ(24.4385, 23.2305,
14.7512)**

Conversions

Conversions Part 1

Format	Color
Hex	A27D62
RGB	162, 125, 98
RGB Percent	64%, 49%, 38%
CMY	0.3647, 0.5098, 0.6157
CMYK	0.00, 0.23, 0.40, 0.36
HSL	25°, 26%, 51%
HSV	25°, 40%, 64%
XYZ	24.4385, 23.2305, 14.7512
YIQ	132.9850, 30.7190, -0.5530

Conversions

Conversions Part 2

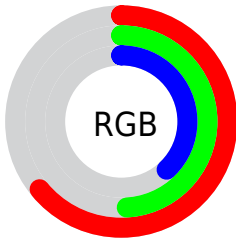
Format	Color
R_{YB}	162, 145, 98
Decimal	10648930
CIE Lab	55.31, 10.58, 20.23
CIE LCh	55, 22.825, 62.396
Yxy	23.2305, 0.3915, 0.3722
Android (android.graphics.Color)	4288839010 (0xFFA27D62)
YUV	132.9850, -17.2476, 25.4462
Hunter-Lab	48.1980, 6.1607, 15.5927

Details

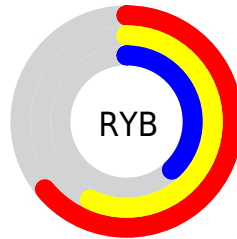
The XYZ color **24.4385, 23.2305, 14.7512** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.2222, 22.5323, 37.4656**, and the grayscale version is **22.3424, 23.5059, 25.5979**.

A 20% lighter version of the original color is **50.2587, 48.9161, 35.2266**, and **9.4887, 8.6591, 4.3032** is the 20% darker color. If you saturate the color by 10%, you get **22.6196, 20.6955, 10.7455**, and if you desaturate by 10%, it is **26.5252, 26.0533, 19.6105**.

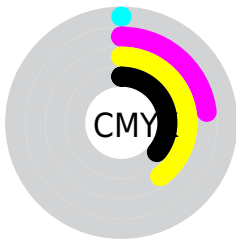
Distribution



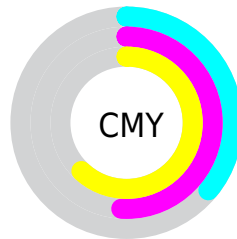
- Red (64%)
- Green (49%)
- Blue (38%)



- Red (64%)
- Yellow (57%)
- Blue (38%)



- Cyan (0%)
- Magenta (23%)
- Yellow (40%)
- Black (36%)



- Cyan (36%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.4385, 23.2305, 14.7512 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 24.4385, 23.2305, 14.7512 by changing the saturation by 10% instead.


 24.4385, 23.2305,
14.7512


 24.4385, 23.2305,
14.7512


267.4295,
268.9067, 233.4440


 15.7857, 14.7638,
8.5003


 50.1943, 48.7715,
35.1522


 9.4625, 8.6538,
4.3244


 68.0280, 66.6147,
50.1394

 5.1036, 4.5161,
1.8049

 89.6528, 88.3520,
68.8758

 2.3436, 1.9662,
0.4312

 115.4340,
114.3681, 91.7798

 0.8168, 0.5877,
0.0000

145.7368,
145.0472, 119.2701

 0.0000, 0.0000,
0.0000

180.9268,

180.7737, 151.7652

221.3692,
221.9321, 189.6837

■ 24.4385, 23.2305,
14.7512

■ 24.4385, 23.2305,
14.7512

■ 22.6196, 20.6955,
10.7455

■ 26.5252, 26.0533,
19.6105

■ 21.0543, 18.4349,
7.5415

■ 28.8895, 29.1698,
25.3683

■ 19.7296, 16.4394,
5.0836

■ 31.5428, 32.5901,
32.0680

■ 18.6302, 14.6974,
3.3087

■ 34.4953, 36.3227,
39.7499

■ 17.7387, 13.1964,
2.1426

■ 37.7568, 40.3755,
48.4517

■ 17.0215, 11.9169,
1.4261

■ 41.3363, 44.7566,
58.2093

■ 16.9888, 11.8585,
1.3935

■ 45.2428, 49.4733,
69.0567

■ 49.4846, 54.5328,
81.0265

■ 54.0699, 59.9424,
94.1499

Harmonies

Analogous

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



26.4992, 23.2305, 18.4722



24.4385, 23.2305, 14.7512



21.8749, 23.2305, 13.6681

Triad

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



24.4385, 23.2305, 14.7512



17.5208, 23.2305, 25.8876



24.8216, 23.2305, 39.1514

Complementary

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



24.4385, 23.2305, 14.7512



20.2222, 22.5323, 37.4656

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.



22.2862, 23.2305, 42.1417



24.4385, 23.2305, 14.7512



18.1814, 23.2305, 33.6174

Square

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



24.4385, 23.2305, 14.7512



18.0014, 23.2305, 19.3118



19.8781, 23.2305, 39.9447



26.7321, 23.2305, 32.3994

Rectangle

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



24.4385, 23.2305, 14.7512



20.2583, 23.2305, 14.3768



19.8781, 23.2305, 39.9447



24.0076, 23.2305, 40.6829

Sweetspot

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



24.4391, 23.2316, 14.7517



55.8994, 57.4191, 54.7317



23.6647, 18.1756, 25.3060



12.4201, 12.7231, 11.9507



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.



24.4391, 23.2316, 14.7517



41.5648, 38.2785, 20.5780



29.1055, 32.5645, 16.3071



7.3079, 7.5542, 7.4530



13.4252, 9.4242, 1.1115



0.3284, 0.2907, 0.0388

Inverse Universe

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



20.2222, 22.5323, 37.4656



32.8582, 36.8208, 67.4314



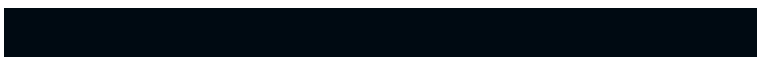
16.4423, 14.9725, 36.2057



7.0245, 7.5080, 8.9820



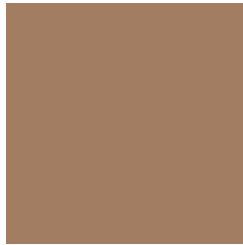
8.3099, 8.3991, 28.1130



0.2200, 0.2672, 0.6058

Previews

White Background



This preview shows how the XYZ color 24.4385, 23.2305, 14.7512 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 24.4385, 23.2305, 14.7512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

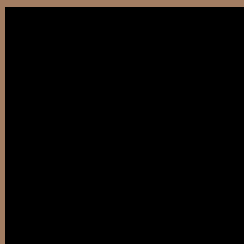
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4385, 23.2305, 14.7512

Background



This preview shows how black text looks on a background with the XYZ color 24.4385, 23.2305, 14.7512.



This preview shows how white text looks on a background with the XYZ color 24.4385, 23.2305,

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

24.4385, 23.2305, 14.7512

Protanopia

21.7556, 23.1929, 15.6420

Deuteranopia

23.6986, 23.2287, 14.7898



Tritanopia

26.3837, 23.2858, 24.2231

Trichromacy



Original Color

24.4385, 23.2305, 14.7512

Protanomaly

22.5449, 23.0102, 15.3098

Deuteranomaly

23.9635, 23.1745, 14.7654

Tritanomaly

25.5394, 23.1196, 20.2560

Monochromacy



Original Color

24.4385, 23.2305, 14.7512

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.8744, 23.2506, 21.0515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4385, 23.2305, 14.7512 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, 125, 98)` looks like.

```
.text, #text, p{  
    color:rgb(162, 125, 98)  
}
```

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, 125, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 125, 98) }
```

Border

The CSS property to change the border of an element to XYZ 24.4385, 23.2305, 14.7512 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, 125, 98) }
```


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

```
.border{ border-color:rgb(162, 125, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 125, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 125, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 125, 98);  
box-shadow:4px 4px 4px 4px rgb(162, 125,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4385, 23.2305, 14.7512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 125, 98) }
```

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

```
.background{ background-color: rgb(162,  
125, 98) }
```

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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