

Converting Colors

XYZ(24.5310, 24.4256, 7.4579)

Have a look what the booklet for
XYZ(24.5310, 24.4256, 7.4579)
contains.

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Color

**XYZ(24.4722, 24.3777,
7.4185)**

Conversions

Conversions Part 1

Format	Color
Hex	A6823A
RGB	166, 130, 58
RGB Percent	65%, 51%, 23%
CMY	0.3490, 0.4902, 0.7725
CMYK	0.00, 0.22, 0.65, 0.35
HSL	40°, 48%, 44%
HSV	40°, 65%, 65%
XYZ	24.4722, 24.3777, 7.4185
YIQ	132.5560, 44.5680, -14.7600

Conversions

Conversions Part 2

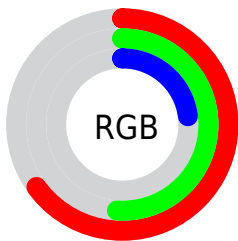
Format	Color
R_{YB}	112, 166, 58
Decimal	10912314
CIE _{Lab}	56.46, 5.74, 43.25
CIE _{LCh}	56, 43.631, 82.435
Yxy	24.3777, 0.4349, 0.4332
Android (android.graphics.Color)	4289102394 (0xFFA6823A)
YUV	132.5560, -36.7561, 29.3304
Hunter-Lab	49.3738, 2.0697, 25.6532

Details

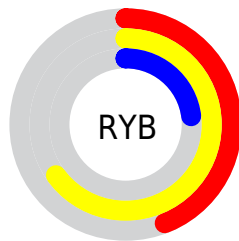
The XYZ color **24.4722, 24.3777, 7.4185** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.6304, 11.6576, 37.6606**, and the grayscale version is **22.2514, 23.4102, 25.4937**.

A 20% lighter version of the original color is **50.3807, 50.7970, 21.3368**, and **9.5254, 9.2753, 1.4319** is the 20% darker color. If you saturate the color by 10%, you get **23.4000, 22.8037, 5.3030**, and if you desaturate by 10%, it is **25.7213, 26.0877, 10.2652**.

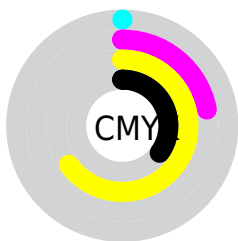
Distribution



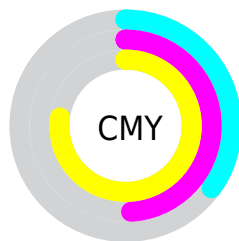
- Red (65%)
- Green (51%)
- Blue (23%)



- Red (44%)
- Yellow (65%)
- Blue (23%)



- Cyan (0%)
- Magenta (22%)
- Yellow (65%)
- Black (35%)



- Cyan (35%)
- Magenta (49%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4722, 24.3777, 7.4185 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 24.4722, 24.3777, 7.4185 by changing the saturation by 10% instead.

■ 24.4722, 24.3777,
7.4185

■ 24.4722, 24.3777,
7.4185

267.5955,
274.7245, 180.8580

■ 15.8109, 15.6140,
3.6428

■ 50.2488, 50.6459,
21.3373

■ 9.4804, 9.2515,
1.4315

■ 68.0947, 68.9191,
32.3176

■ 5.1155, 4.9056,
0.1661

■ 89.7330, 91.1311,
46.5363

■ 2.3506, 2.1920,
0.0000

■ 115.5288,
117.6661, 64.4123

■ 0.8204, 0.7156,
0.0000

■ 145.8476,
148.9085, 86.3638

■ 0.0000, 0.0000,
0.0000

■ 181.0548,

185.2428, 112.8096

221.5156,
227.0533, 144.1681

■ 24.4722, 24.3777,
7.4185

■ 24.4722, 24.3777,
7.4185

■ 23.4000, 22.8037,
5.3030

■ 25.7213, 26.0877,
10.2652

■ 22.4887, 21.3554,
3.8453

■ 27.1580, 27.9361,
13.9041

■ 21.7213, 20.0261,
2.9561

■ 28.7940, 29.9294,
18.3914

■ 21.3746, 19.4045,
2.6189

■ 30.6395, 32.0727,
23.7780

■ 32.7039, 34.3706,
30.1104

■ 34.9959, 36.8275,
37.4322

■ 37.5238, 39.4476,
45.7839

■ 40.2954, 42.2347,
55.2041

■ 43.3180, 45.1928,
65.7291

Harmonies

Analogous

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



29.6085, 24.3777, 10.0391



24.4722, 24.3777, 7.4185



19.6586, 24.3777, 8.2436

Triad

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



24.4722, 24.3777, 7.4185



15.3042, 24.3777, 38.6334



31.7507, 24.3777, 47.3626

Complementary

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



24.4722, 24.3777, 7.4185



12.6304, 11.6576, 37.6606

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.



27.0770, 24.3777, 61.4367



24.4722, 24.3777, 7.4185



17.7404, 24.3777, 55.2510

Square

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



24.4722, 24.3777, 7.4185



14.8162, 24.3777, 23.0480



21.9154, 24.3777, 64.7542



34.1901, 24.3777, 30.3749

Rectangle

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



24.4722, 24.3777, 7.4185



17.2166, 24.3777, 10.8547



21.9154, 24.3777, 64.7542



30.3591, 24.3777, 52.8114

Sweetspot

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



24.4728, 24.3789, 7.4190



57.3140, 60.1288, 48.3237



19.2594, 11.9414, 11.8798



12.6031, 13.2062, 10.1362



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.4728, 24.3789, 7.4190



41.7086, 40.2053, 8.3245



26.6126, 33.8737, 9.1389



7.9331, 8.3462, 7.9821



16.6192, 15.1357, 2.0456



0.4484, 0.4564, 0.0645

Inverse Universe

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



12.6304, 11.6576, 37.6606



18.6497, 15.5249, 67.4889



11.3766, 7.3160, 36.8887



7.3285, 7.6939, 9.5172



6.4480, 4.3563, 28.4765



0.2037, 0.1995, 0.7084

Previews

White Background



This preview shows how the XYZ color 24.4722, 24.3777, 7.4185 looks on a white background.

Color Contrast Check

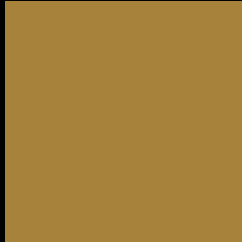
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4722, 24.3777, 7.4185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

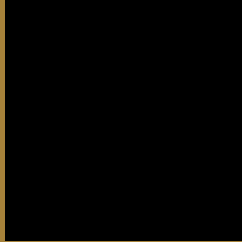
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4722, 24.3777, 7.4185

Background



This preview shows how black text looks on a background with the XYZ color 24.4722, 24.3777, 7.4185.



This preview shows how white text looks on a background with the XYZ color 24.4722, 24.3777,

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

24.4722, 24.3777, 7.4185

Protanopia

22.3823, 24.5139, 7.8269

Deuteranopia

24.7624, 24.3308, 7.3942



Tritanopia

28.1376, 24.3557, 25.0479

Trichromacy



Original Color

24.4722, 24.3777, 7.4185

Protanomaly

23.0248, 24.4339, 7.6403

Deuteranomaly

24.5503, 24.2215, 7.3843

Tritanomaly

26.4610, 24.2332, 16.6474

Monochromacy



Original Color

24.4722, 24.3777, 7.4185

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.5298, 23.5629, 16.9963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4722, 24.3777, 7.4185 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(166, 130, 58)` looks like.

```
.text, #text, p{  
    color:rgb(166, 130, 58)  
}
```

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(166, 130, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 130, 58) }
```

Border

The CSS property to change the border of an element to XYZ 24.4722, 24.3777, 7.4185 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(166, 130, 58) }
```


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

```
.border{ border-color:rgb(166, 130, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 130, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 130, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 130, 58);  
box-shadow:4px 4px 4px 4px rgb(166, 130,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4722, 24.3777, 7.4185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 130, 58) }
```

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

```
.background{ background-color: rgb(166,  
130, 58) }
```

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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