

Converting Colors

XYZ(24.4573, 22.2514, 42.5411)

Have a look what the booklet for
XYZ(24.4573, 22.2514, 42.5411)
contains.

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Color

**XYZ(24.4573, 22.2514,
42.5411)**

Conversions

Conversions Part 1

Format	Color
Hex	867BAD
RGB	134, 123, 173
RGB Percent	53%, 48%, 68%
CMY	0.4745, 0.5176, 0.3216
CMYK	0.23, 0.29, 0.00, 0.32
HSL	253°, 23%, 58%
HSV	253°, 29%, 68%
XYZ	24.4573, 22.2514, 42.5411
YIQ	131.9890, -9.4940, 17.8820

Conversions

Conversions Part 2

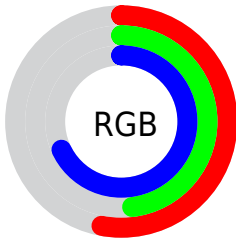
Format	Color
RYB	134, 123, 173
Decimal	8813485
CIELab	54.29, 15.04, -25.02
CIELCh	54, 29.189, 301.011
Yxy	22.2514, 0.2740, 0.2493
Android (android.graphics.Color)	4287003565 (0xFF867BAD)
YUV	131.9890, 20.2184, 1.7636
Hunter-Lab	47.1714, 9.9983, -20.4502

Details

The XYZ color **24.4573, 22.2514, 42.5411** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **33.4197, 38.9992, 24.5060**, and the grayscale version is **21.8607, 22.9991, 25.0461**.

A 20% lighter version of the original color is **50.2119, 47.0085, 80.5558**, and **9.4062, 8.0926, 18.8356** is the 20% darker color. If you saturate the color by 10%, you get **20.4827, 17.2936, 41.7940**, and if you desaturate by 10%, it is **29.0871, 28.1110, 43.4285**.

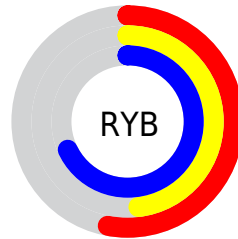
Distribution



Red (53%)

Green (48%)

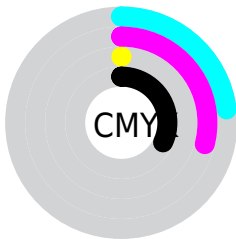
Blue (68%)



Red (53%)

Yellow (48%)

Blue (68%)

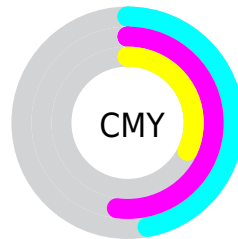


Cyan (23%)

Magenta (29%)

Yellow (0%)

Black (32%)



Cyan (47%)

Magenta (52%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4573, 22.2514, 42.5411 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 24.4573, 22.2514, 42.5411 by changing the saturation by 10% instead.

■ 24.4573, 22.2514,
42.5411

■ 24.4573, 22.2514,
42.5411

267.5221,
263.8563, 372.5867

■ 15.7998, 14.0417,
29.1965

■ 50.2247, 47.1612,
80.2968

■ 9.4725, 8.1497,
18.9827

■ 68.0652, 64.6300,
105.5450

■ 5.1102, 4.1909,
11.4811

■ 89.6975, 85.9541,
135.5981

■ 2.3475, 1.7809,
6.2732

115.4869,
111.5178, 170.8747

■ 0.8188, 0.4752,
2.9404

145.7987,
141.7055, 211.7934

■ 0.0000, 0.0000,
1.0643

180.9982,

■ 0.0000, 0.0000,

176.9015, 258.7725

0.0000

221.4509,
217.4903, 312.2308

■ 24.4573, 22.2514,
42.5411

■ 24.4573, 22.2514,
42.5411

■ 20.4827, 17.2936,
41.7940

■ 29.0871, 28.1110,
43.4285

■ 17.1308, 13.1895,
41.1785

■ 34.3982, 34.9118,
44.4612

■ 14.3696, 9.8910,
40.6874

■ 40.4178, 42.6939,
45.6461

■ 12.1633, 7.3437,
40.3120

■ 47.1711, 51.4945,
46.9888

■ 10.4718, 5.4863,
40.0426

■ 54.6819, 61.3487,
48.4950

■ 9.2493, 4.2477,
39.8679

■ 62.9730, 72.2900,
50.1699

■ 8.4209, 3.5005,
39.7674

■ 72.0663, 84.3504,
52.0185

■ 8.3444, 3.4303,
39.7579

■ 79.9058, 93.4066,
53.3534

■ 84.5429, 95.7972,
53.5704

Harmonies

Analogous

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



21.2574, 22.2514, 46.2835



24.4573, 22.2514, 42.5411



26.9590, 22.2514, 33.7404

Triad

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



24.4573, 22.2514, 42.5411



24.2520, 22.2514, 11.9151



15.6077, 22.2514, 24.5383

Complementary

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



24.4573, 22.2514, 42.5411



33.4197, 38.9992, 24.5060

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.



16.2406, 22.2514, 16.6960



24.4573, 22.2514, 42.5411



21.0416, 22.2514, 10.6018

Square

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



24.4573, 22.2514, 42.5411



26.8324, 22.2514, 16.2819



18.1539, 22.2514, 12.1087



16.3313, 22.2514, 34.4122

Rectangle

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



24.4573, 22.2514, 42.5411



27.7792, 22.2514, 27.0672



18.1539, 22.2514, 12.1087



15.6683, 22.2514, 21.5946

Sweetspot

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



24.4580, 22.2523, 42.5416



61.3449, 62.1902, 79.5764



28.6616, 33.1282, 44.4193



13.0240, 13.1198, 17.2336



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.



24.4580, 22.2523, 42.5416



38.8987, 33.7193, 75.2641



28.8915, 24.5379, 42.7491



7.7376, 7.8390, 10.0580



6.1717, 2.5415, 29.2098



0.2174, 0.0942, 0.8147

Inverse Universe

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



30.8388, 25.6597, 37.5107



52.3993, 40.9369, 64.2497



28.8633, 36.6502, 24.2928



8.2605, 8.1175, 9.6827



15.8923, 7.8195, 17.6103



0.4606, 0.2249, 0.5872

Previews

White Background



This preview shows how the XYZ color 24.4573, 22.2514, 42.5411 looks on a white background.

Color Contrast Check

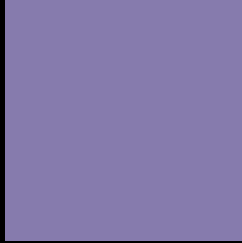
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4573, 22.2514, 42.5411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

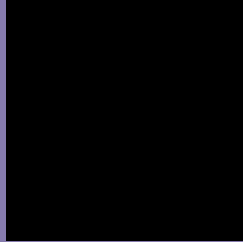
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4573, 22.2514, 42.5411

Background



This preview shows how black text looks on a background with the XYZ color 24.4573, 22.2514, 42.5411.



This preview shows how white text looks on a background with the XYZ color 24.4573, 22.2514,

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

24.4573, 22.2514, 42.5411

Protanopia

22.8574, 22.3257, 44.6995

Deuteranopia

22.7733, 22.3388, 42.1413



Tritanopia

21.4860, 22.1832, 27.9603

Trichromacy



Original Color

24.4573, 22.2514, 42.5411

Protanomaly

23.4657, 22.2673, 44.1355

Deuteranomaly

23.2194, 22.1854, 42.0881

Tritanomaly

22.4628, 22.1916, 32.8052

Monochromacy



Original Color

24.4573, 22.2514, 42.5411

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.7896, 22.7936, 30.8022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4573, 22.2514, 42.5411 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(134, 123, 173)` looks like.

```
.text, #text, p{  
    color:rgb(134, 123, 173)  
}
```

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(134, 123, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 123, 173) }
```

Border

The CSS property to change the border of an element to XYZ 24.4573, 22.2514, 42.5411 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(134, 123, 173) }
```


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

```
.border{ border-color:rgb(134, 123, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 123, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 123, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 123, 173);  
box-shadow:4px 4px 4px 4px rgb(134, 123,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4573, 22.2514, 42.5411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 123, 173) }
```

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

```
.background{ background-color: rgb(134,  
123, 173) }
```

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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