

Converting Colors

XYZ(25.6580, 23.5245, 42.6637)

Have a look what the booklet for
XYZ(25.6580, 23.5245, 42.6637)
contains.

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Color

**XYZ(25.6511, 23.4278,
42.7052)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8B7EAD |
| RGB | 139, 126, 173 |
| RGB Percent | 55%, 49%, 68% |
| CMY | 0.4549, 0.5059, 0.3216 |
| CMYK | 0.20, 0.27, 0.00, 0.32 |
| HSL | 257°, 22%, 59% |
| HSV | 257°, 27%, 68% |
| XYZ | 25.6511, 23.4278, 42.7052 |
| YIQ | 135.2450, -7.3390, 17.3730 |

Conversions

Conversions Part 2

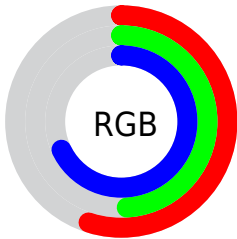
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 139, 126, 173 |
| Decimal | 9141933 |
| CIE _{Lab} | 55.51, 14.88, -23.10 |
| CIE _{LCh} | 56, 27.483, 302.787 |
| Yxy | 23.4278, 0.2795, 0.2552 |
| Android (android.graphics.Color) | 4287332013 (0xFF8B7EAD) |
| YUV | 135.2450, 18.6132, 3.2931 |
| Hunter-Lab | 48.4023, 9.8933, -18.4298 |

Details

The XYZ color **25.6511, 23.4278, 42.7052** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **33.2074, 38.8677, 25.4917**, and the grayscale version is **23.0557, 24.2564, 26.4152**.

A 20% lighter version of the original color is **52.2553, 49.2348, 80.8779**, and **10.0685, 8.7385, 18.9253** is the 20% darker color. If you saturate the color by 10%, you get **21.6560, 18.3639, 41.9387**, and if you desaturate by 10%, it is **30.2696, 29.3821, 43.6115**.

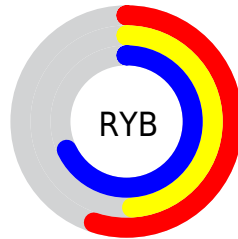
Distribution



Red (55%)

Green (49%)

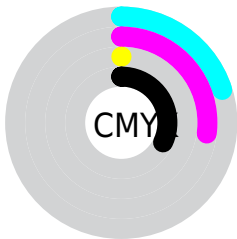
Blue (68%)



Red (55%)

Yellow (49%)

Blue (68%)

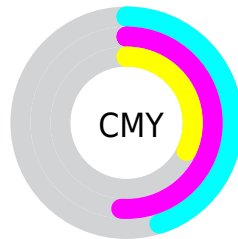


Cyan (20%)

Magenta (27%)

Yellow (0%)

Black (32%)



Cyan (45%)

Magenta (51%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6511, 23.4278, 42.7052 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 25.6511, 23.4278, 42.7052 by changing the saturation by 10% instead.

■ 25.6511, 23.4278,
42.7052

■ 25.6511, 23.4278,
42.7052

273.3533,
269.9147, 373.2835

■ 16.6941, 14.9097,
29.3242

■ 52.1469, 49.0948,
80.5474

■ 10.1106, 8.7560,
19.0785

■ 70.4164, 67.0125,
105.8456

■ 5.5352, 4.5824,
11.5496

■ 92.5208, 88.8323,
135.9534

■ 2.6025, 2.0044,
6.3190

118.8254,
114.9384, 171.2892

■ 0.9472, 0.6100,
2.9681

149.6956,
145.7153, 212.2716

■ 0.0000, 0.0000,
1.0784

185.4967,

■ 0.0000, 0.0000,

181.5474, 259.3190

0.0000

226.5942,
222.8191, 312.8502

■ 25.6511, 23.4278,
42.7052

■ 25.6511, 23.4278,
42.7052

■ 21.6560, 18.3639,
41.9387

■ 30.2696, 29.3821,
43.6115

■ 18.2542, 14.1439,
41.3035

■ 35.5350, 36.2644,
44.6624

■ 15.4166, 10.7216,
40.7925

■ 41.4726, 44.1135,
45.8644

■ 13.1104, 8.0449,
40.3973

■ 48.1054, 52.9654,
47.2234

■ 11.2994, 6.0554,
40.1088

■ 55.4555, 62.8540,
48.7447

■ 9.9422, 4.6857,
39.9160

■ 63.5438, 73.8116,
50.4335

■ 8.9813, 3.8377,
39.8029

■ 72.3905, 85.8693,
52.2946

■ 8.7547, 3.6419,
39.7771

■ 78.9412, 92.9094,
53.3082

■ 83.3171, 95.1652,
53.5130

Harmonies

Analogous

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



22.5583, 23.4278, 46.6223



25.6511, 23.4278, 42.7052



27.9956, 23.4278, 34.1321

Triad

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



25.6511, 23.4278, 42.7052



25.1039, 23.4278, 13.1472



16.8322, 23.4278, 26.3473

Complementary

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



25.6511, 23.4278, 42.7052



33.2074, 38.8677, 25.4917

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.



17.3793, 23.4278, 18.4761



25.6511, 23.4278, 42.7052



21.9791, 23.4278, 11.9825

Square

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



25.6511, 23.4278, 42.7052



27.6596, 23.4278, 17.3416



19.1952, 23.4278, 13.6875



17.6259, 23.4278, 35.9062

Rectangle

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



25.6511, 23.4278, 42.7052



28.7148, 23.4278, 27.7113



19.1952, 23.4278, 13.6875



16.8655, 23.4278, 23.4264

Sweetspot

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



25.6519, 23.4288, 42.7057



62.6707, 63.6722, 79.7926



28.7996, 32.7572, 44.3404



13.3061, 13.4258, 17.2778



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.



25.6519, 23.4288, 42.7057



41.2282, 35.9662, 75.5750



29.9115, 25.6247, 42.9051



7.7791, 7.8604, 10.0599



6.4804, 2.7006, 29.2242



0.2336, 0.1026, 0.8155

Inverse Universe

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



31.0403, 26.3450, 36.7078



52.7159, 42.1909, 62.4410



29.0213, 36.7096, 25.2958



8.2411, 8.1097, 9.5806



15.4123, 7.6275, 15.0825



0.4503, 0.2208, 0.5330

Previews

White Background



This preview shows how the XYZ color 25.6511, 23.4278, 42.7052 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 25.6511, 23.4278, 42.7052 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 25.6511, 23.4278, 42.7052

Background



This preview shows how black text looks on a background with the XYZ color 25.6511, 23.4278, 42.7052.



This preview shows how white text looks on a background with the XYZ color 25.6511, 23.4278,

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

25.6511, 23.4278, 42.7052

Protanopia

23.7978, 23.4000, 44.8573

Deuteranopia

24.0201, 23.5711, 42.3134



Tritanopia

22.9653, 23.5239, 28.9213

Trichromacy



Original Color

25.6511, 23.4278, 42.7052

Protanomaly

24.4391, 23.3471, 44.2927

Deuteranomaly

24.5026, 23.4249, 42.2598

Tritanomaly

23.8857, 23.4994, 33.4139

Monochromacy



Original Color

25.6511, 23.4278, 42.7052

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.8294, 23.9067, 31.7923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6511, 23.4278, 42.7052 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(139, 126, 173)` looks like.

```
.text, #text, p{  
    color:rgb(139, 126, 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(139, 126, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 126, 173) }
```

Border

The CSS property to change the border of an element to XYZ 25.6511, 23.4278, 42.7052 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(139, 126, 173) }
```


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

```
.border{ border-color:rgb(139, 126, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 126, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 126, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 126, 173);  
box-shadow:4px 4px 4px 4px rgb(139, 126,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6511, 23.4278, 42.7052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 126, 173) }
```

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

```
.background{ background-color: rgb(139,  
126, 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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