

Converting Colors

XYZ(25.0503, 23.1285, 41.2566)

Have a look what the booklet for
XYZ(25.0503, 23.1285, 41.2566)
contains.

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Color

**XYZ(25.0331, 23.1424,
41.1777)**

Conversions

Conversions Part 1

Format	Color
Hex	897EAA
RGB	137, 126, 170
RGB Percent	54%, 49%, 67%
CMY	0.4627, 0.5059, 0.3333
CMYK	0.19, 0.26, 0.00, 0.33
HSL	255°, 21%, 58%
HSV	255°, 26%, 67%
XYZ	25.0331, 23.1424, 41.1777
YIQ	134.3050, -7.5680, 16.0160

Conversions

Conversions Part 2

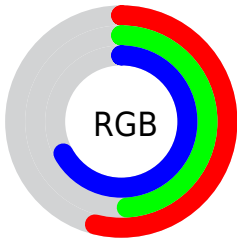
Format	Color
R_{YB}	137, 126, 170
Decimal	9010858
CIE _{Lab}	55.22, 13.52, -21.84
CIE _{LCh}	55, 25.689, 301.765
Yxy	23.1424, 0.2802, 0.2590
Android (android.graphics.Color)	4287200938 (0xFF897EAA)
YUV	134.3050, 17.5976, 2.3635
Hunter-Lab	48.1065, 8.6992, -17.0758

Details

The XYZ color **25.0331, 23.1424, 41.1777** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **32.4394, 37.6273, 25.2928**, and the grayscale version is **22.7121, 23.8949, 26.0215**.

A 20% lighter version of the original color is **51.1966, 48.7528, 77.9460**, and **9.7616, 8.5942, 18.2839** is the 20% darker color. If you saturate the color by 10%, you get **21.0733, 18.1441, 40.4220**, and if you desaturate by 10%, it is **29.6108, 29.0087, 42.0691**.

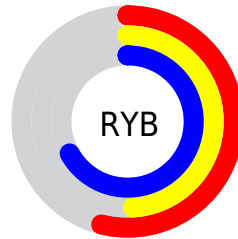
Distribution



Red (54%)

Green (49%)

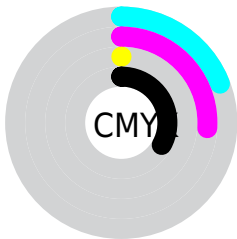
Blue (67%)



Red (54%)

Yellow (49%)

Blue (67%)

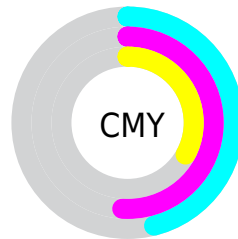


Cyan (19%)

Magenta (26%)

Yellow (0%)

Black (33%)



Cyan (46%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0331, 23.1424, 41.1777 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 25.0331, 23.1424, 41.1777 by changing the saturation by 10% instead.

■ 25.0331, 23.1424,
41.1777

■ 25.0331, 23.1424,
41.1777

270.3473,
268.4555, 366.7614

■ 16.2306, 14.6987,
28.1372

■ 51.1534, 48.6270,
78.2102

■ 9.7793, 8.6082,
18.1892

■ 69.2019, 66.4368,
103.0392

■ 5.3140, 4.4865,
10.9150

■ 91.0632, 88.1373,
132.6349

■ 2.4693, 1.9493,
5.8963

117.1024,
114.1130, 167.4158

■ 0.8798, 0.5777,
2.7143

147.6851,
144.7483, 207.8003

■ 0.0000, 0.0000,
0.9506

183.1766,

■ 0.0000, 0.0000,

180.4275, 254.2070

0.0000

223.9422,
221.5352, 307.0545

■ 25.0331, 23.1424,
41.1777

■ 25.0331, 23.1424,
41.1777

■ 21.0733, 18.1441,
40.4220

■ 29.6108, 29.0087,
42.0691

■ 17.7020, 13.9692,
39.7939

■ 34.8297, 35.7792,
43.1009

■ 14.8905, 10.5735,
39.2866

■ 40.7146, 43.4912,
44.2793

■ 12.6068, 7.9072,
38.8923

■ 47.2881, 52.1792,
45.6098

■ 10.8155, 5.9146,
38.6021

■ 54.5720, 61.8759,
47.0975

■ 9.4763, 4.5320,
38.4058

■ 62.5871, 72.6126,
48.7475

■ 8.5389, 3.6766,
38.2901

■ 71.3530, 84.4192,
50.5644

■ 8.2311, 3.4051,
38.2540

■ 78.6138, 92.7738,
51.7943

■ 83.0719, 95.0720,
52.0029

Harmonies

Analogous

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



22.1666, 23.1424, 44.5413



25.0331, 23.1424, 41.1777



27.2287, 23.1424, 33.4450

Triad

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



25.0331, 23.1424, 41.1777



24.7134, 23.1424, 13.6753



16.9255, 23.1424, 25.6883

Complementary

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



25.0331, 23.1424, 41.1777



32.4394, 37.6273, 25.2928

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.



17.4810, 23.1424, 18.4323



25.0331, 23.1424, 41.1777



21.8266, 23.1424, 12.4658

Square

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



25.0331, 23.1424, 41.1777



27.0331, 23.1424, 17.7560



19.2153, 23.1424, 14.0019



17.6273, 23.1424, 34.4741

Rectangle

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



25.0331, 23.1424, 41.1777



27.9264, 23.1424, 27.5320



19.2153, 23.1424, 14.0019



16.9711, 23.1424, 23.0000

Sweetspot

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



25.0339, 23.1433, 41.1782



60.9460, 61.9882, 77.7546



28.3853, 32.3878, 42.7860



13.2715, 13.4080, 17.2762



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.



25.0339, 23.1433, 41.1782



41.2042, 36.6494, 73.9042



28.8703, 25.1211, 41.3578



7.3010, 7.3878, 9.4595



6.0994, 2.5278, 28.1419



0.1937, 0.0849, 0.6868

Inverse Universe

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



30.2971, 25.9719, 36.2180



52.4602, 42.7047, 63.0191



28.5785, 35.6369, 25.1121



7.7606, 7.6341, 9.0564



15.0599, 7.4327, 15.6588



0.3851, 0.1883, 0.4793

Previews

White Background



This preview shows how the XYZ color 25.0331, 23.1424, 41.1777 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 25.0331, 23.1424, 41.1777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

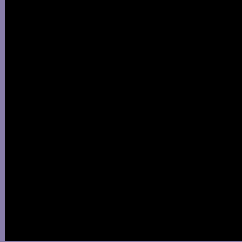
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0331, 23.1424, 41.1777

Background



This preview shows how black text looks on a background with the XYZ color 25.0331, 23.1424, 41.1777.



This preview shows how white text looks on a background with the XYZ color 25.0331, 23.1424,

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

25.0331, 23.1424, 41.1777

Protanopia

23.5443, 23.3147, 42.7944

Deuteranopia

23.7482, 23.2655, 40.7751



Tritanopia

22.5145, 23.0911, 28.8616

Trichromacy



Original Color

25.0331, 23.1424, 41.1777

Protanomaly

24.0490, 23.1911, 42.2385

Deuteranomaly

24.2176, 23.3109, 40.7592

Tritanomaly

23.3493, 23.0358, 32.9215

Monochromacy



Original Color

25.0331, 23.1424, 41.1777

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.3744, 23.4901, 30.9058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0331, 23.1424, 41.1777 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(137, 126, 170)` looks like.

```
.text, #text, p{  
    color:rgb(137, 126, 170)  
}
```

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(137, 126, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 126, 170) }
```

Border

The CSS property to change the border of an element to XYZ 25.0331, 23.1424, 41.1777 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(137, 126, 170) }
```


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

```
.border{ border-color:rgb(137, 126, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 126, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 126, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 126, 170);  
box-shadow:4px 4px 4px 4px rgb(137, 126,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0331, 23.1424, 41.1777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 126, 170) }
```

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

```
.background{ background-color: rgb(137,  
126, 170) }
```

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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