

Converting Colors

XYZ(24.6134, 22.4081, 39.1043)

Have a look what the booklet for
XYZ(24.6134, 22.4081, 39.1043)
contains.

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Color

**XYZ(24.6134, 22.4081,
39.1043)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7BA6
RGB	139, 123, 166
RGB Percent	55%, 48%, 65%
CMY	0.4549, 0.5176, 0.3490
CMYK	0.16, 0.26, 0.00, 0.35
HSL	262°, 19%, 57%
HSV	262°, 26%, 65%
XYZ	24.6134, 22.4081, 39.1043
YIQ	132.6860, -4.2670, 16.7650

Conversions

Conversions Part 2

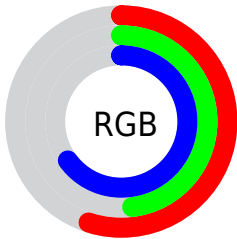
Format	Color
R_{YB}	139, 123, 166
Decimal	9141158
CIE _{Lab}	54.46, 15.00, -20.68
CIE _{LCh}	54, 25.553, 305.956
Yxy	22.4081, 0.2858, 0.2602
Android (android.graphics.Color)	4287331238 (0xFF8B7BA6)
YUV	132.6860, 16.4238, 5.5374
Hunter-Lab	47.3372, 9.9726, -15.8422

Details

The XYZ color **24.6134, 22.4081, 39.1043** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **29.7897, 35.1870, 23.9616**, and the grayscale version is **22.1243, 23.2765, 25.3481**.

A 20% lighter version of the original color is **50.5688, 47.6086, 74.9307**, and **9.5105, 8.1872, 16.9986** is the 20% darker color. If you saturate the color by 10%, you get **21.0680, 17.7787, 38.3980**, and if you desaturate by 10%, it is **28.6754, 27.8233, 39.9358**.

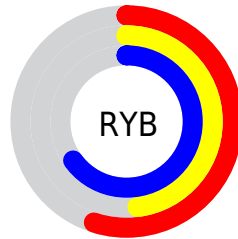
Distribution



Red (55%)

Green (48%)

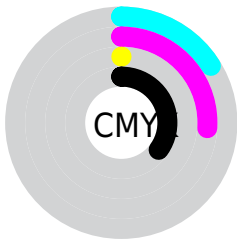
Blue (65%)



Red (55%)

Yellow (48%)

Blue (65%)

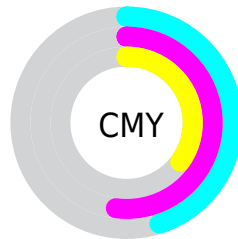


Cyan (16%)

Magenta (26%)

Yellow (0%)

Black (35%)



Cyan (45%)

Magenta (52%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6134, 22.4081, 39.1043 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 24.6134, 22.4081, 39.1043 by changing the saturation by 10% instead.

■ 24.6134, 22.4081,
39.1043

■ 24.6134, 22.4081,
39.1043

268.2904,
264.6701, 357.7729

■ 15.9165, 14.1571,
26.5324

■ 50.4768, 47.4196,
75.0197

■ 9.5555, 8.2300,
16.9930

■ 68.3739, 64.9488,
99.2003

■ 5.1653, 4.2425,
10.0676

■ 90.0685, 86.3396,
128.0876

■ 2.3803, 1.8101,
5.3376

115.9259,
111.9763, 162.1001

■ 0.8353, 0.4935,
2.3845

146.3114,
142.2433, 201.6564

■ 0.0000, 0.0000,
0.7780

181.5904,

■ 0.0000, 0.0000,

177.5250, 247.1749

0.0000

222.1283,
218.2058, 299.0742

■ 24.6134, 22.4081,
39.1043

■ 24.6134, 22.4081,
39.1043

■ 21.0680, 17.7787,
38.3980

■ 28.6754, 27.8233,
39.9358

■ 18.0149, 13.8948,
37.8092

■ 33.2726, 34.0564,
40.8966

■ 15.4306, 10.7163,
37.3319

■ 38.4254, 41.1414,
41.9926

■ 13.2892, 8.1987,
36.9588

■ 44.1523, 49.1092,
43.2287

■ 11.5616, 6.2917,
36.6818

■ 50.4710, 57.9893,
44.6097

■ 10.2147, 4.9376,
36.4914

■ 57.3984, 67.8098,
46.1401

■ 9.2062, 4.0604,
36.3753

■ 64.9507, 78.5975,
47.8243

■ 8.8550, 3.7698,
36.3377

■ 72.8866, 89.8643,
49.5808

■ 76.1862, 91.5653,
49.7352

Harmonies

Analogous

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



21.8610, 22.4081, 43.1395



24.6134, 22.4081, 39.1043



26.5948, 22.4081, 31.2248

Triad

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



24.6134, 22.4081, 39.1043



23.5646, 22.4081, 12.8659



16.3862, 22.4081, 26.0314

Complementary

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



24.6134, 22.4081, 39.1043



29.7897, 35.1870, 23.9616

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.



16.7562, 22.4081, 18.6477



24.6134, 22.4081, 39.1043



20.7452, 22.4081, 12.0654

Square

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



24.6134, 22.4081, 39.1043



25.9531, 22.4081, 16.4288



18.2950, 22.4081, 13.9371



17.2361, 22.4081, 34.6016

Rectangle

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



24.6134, 22.4081, 39.1043



27.1236, 22.4081, 25.5006



18.2950, 22.4081, 13.9371



16.3730, 22.4081, 23.3289

Sweetspot

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



24.6141, 22.4090, 39.1048



58.4251, 59.1346, 73.8101



25.9957, 28.8521, 40.2756



12.7941, 12.8520, 16.4585



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.



24.6141, 22.4090, 39.1048



40.9081, 35.7315, 70.2161



28.5171, 24.4211, 39.2875



7.3857, 7.4314, 9.4635



6.9146, 2.9481, 28.1801



0.2249, 0.1009, 0.6883

Inverse Universe

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



28.3146, 24.4758, 32.0870



48.8635, 40.1798, 54.9034



26.2249, 33.3493, 23.7948



7.7217, 7.6186, 8.8518



14.1646, 7.0746, 10.9444



0.3681, 0.1815, 0.3900

Previews

White Background



This preview shows how the XYZ color 24.6134, 22.4081, 39.1043 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 24.6134, 22.4081, 39.1043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

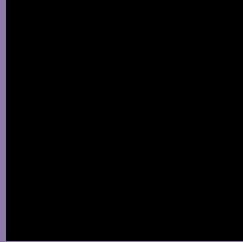
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6134, 22.4081, 39.1043

Background



This preview shows how black text looks on a background with the XYZ color 24.6134, 22.4081, 39.1043.



This preview shows how white text looks on a background with the XYZ color 24.6134, 22.4081,

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

24.6134, 22.4081, 39.1043

Protanopia

22.7137, 22.5247, 41.1808

Deuteranopia

22.9681, 22.5149, 38.7326



Tritanopia

22.1381, 22.3417, 27.1903

Trichromacy



Original Color

24.6134, 22.4081, 39.1043

Protanomaly

23.3550, 22.4789, 40.6440

Deuteranomaly

23.4583, 22.3841, 38.6815

Tritanomaly

22.9595, 22.2941, 31.1101

Monochromacy



Original Color

24.6134, 22.4081, 39.1043

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.9528, 22.8957, 29.9976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6134, 22.4081, 39.1043 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, 123, 166)` looks like.

```
.text, #text, p{  
    color:rgb(139, 123, 166)  
}
```

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, 123, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 123, 166) }
```

Border

The CSS property to change the border of an element to XYZ 24.6134, 22.4081, 39.1043 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, 123, 166) }
```


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

```
.border{ border-color:rgb(139, 123, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 123, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 123, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 123, 166);  
box-shadow:4px 4px 4px 4px rgb(139, 123,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6134, 22.4081, 39.1043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 123, 166) }
```

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

```
.background{ background-color: rgb(139,  
123, 166) }
```

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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