

Converting Colors

XYZ(30.0828, 23.3866, 39.5048)

Have a look what the booklet for
XYZ(30.0828, 23.3866, 39.5048)
contains.

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Color

**XYZ(30.1138, 23.4845,
39.5050)**

Conversions

Conversions Part 1

Format	Color
Hex	AD71A7
RGB	173, 113, 167
RGB Percent	68%, 44%, 65%
CMY	0.3216, 0.5568, 0.3451
CMYK	0.00, 0.35, 0.03, 0.32
HSL	306°, 27%, 56%
HSV	306°, 35%, 68%
XYZ	30.1138, 23.4845, 39.5050
YIQ	137.0960, 18.4260, 29.5140

Conversions

Conversions Part 2

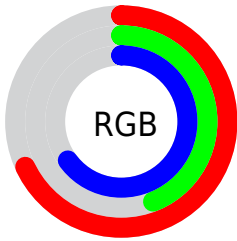
Format	Color
RYB	173, 113, 167
Decimal	11366823
CIELab	55.57, 32.38, -19.25
CIELCh	56, 37.672, 329.264
Yxy	23.4845, 0.3234, 0.2522
Android (android.graphics.Color)	4289556903 (0xFFAD71A7)
YUV	137.0960, 14.7427, 31.4878
Hunter-Lab	48.4608, 26.1144, -14.4103

Details

The XYZ color **30.1138, 23.4845, 39.5050** is a light color, and the websafe version is hex **996699**. A complement of this color would be **25.0844, 34.7306, 22.8358**, and the grayscale version is **23.7559, 24.9931, 27.2175**.

A 20% lighter version of the original color is **59.1341, 49.2044, 75.4879**, and **12.4798, 8.7148, 17.2440** is the 20% darker color. If you saturate the color by 10%, you get **28.2059, 19.9226, 38.0853**, and if you desaturate by 10%, it is **32.3932, 27.7851, 41.0596**.

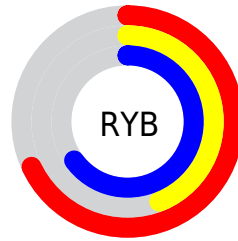
Distribution



Red (68%)

Green (44%)

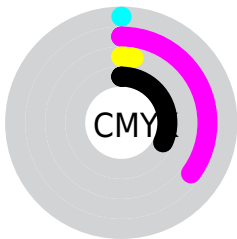
Blue (65%)



Red (68%)

Yellow (44%)

Blue (65%)

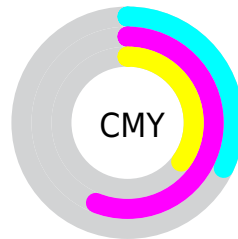


Cyan (0%)

Magenta (35%)

Yellow (3%)

Black (32%)



Cyan (32%)


Magenta (56%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1138, 23.4845, 39.5050 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 30.1138, 23.4845, 39.5050 by changing the saturation by 10% instead.


 30.1138, 23.4845,
39.5050


 30.1138, 23.4845,
39.5050


294.3349,
270.2038, 359.5226


 20.0735, 14.9517,
26.8420


 59.2275, 49.1877,
75.6380


 12.5570, 8.7855,
17.2232


 79.0316, 67.1268,
99.9450

 7.1991, 4.6015,
10.2301


 102.8210, 88.9701,
128.9704

 3.6344, 2.0154,
5.4442

 130.9610,
115.1020, 163.1328

 1.4974, 0.6164,
2.4469

163.8171,
145.9070, 202.8507

 0.3241, 0.0000,
0.8118

201.7545,

 0.0000, 0.0000,

181.7693, 248.5426

0.0000

245.1386,
223.0735, 300.6271

■ 30.1138, 23.4845,
39.5050

■ 30.1138, 23.4845,
39.5050

■ 28.2059, 19.9226,
38.0853

■ 32.3932, 27.7851,
41.0596

■ 26.6464, 17.0544,
36.7920

■ 35.0612, 32.8600,
42.7540

■ 25.4128, 14.8348,
35.6179

■ 38.1365, 38.7460,
44.5949

■ 24.4794, 13.2120,
34.5542

■ 41.6361, 45.4770,
46.5879

■ 23.8162, 12.1263,
33.5910

■ 45.5757, 53.0846,
48.7383

■ 23.3871, 11.5055,
32.7162

■ 49.9704, 61.5990,
51.0511

■ 23.2091, 11.2745,
32.2718

■ 54.8346, 71.0489,
53.5313

■ 60.1820, 81.4618,
56.1833

■ 61.4967, 83.8055,
57.5020

Harmonies

Analogous

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



26.5622, 23.4845, 51.9263



30.1138, 23.4845, 39.5050



31.5373, 23.4845, 25.8727

Triad

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



30.1138, 23.4845, 39.5050



22.4265, 23.4845, 8.5740



15.9204, 23.4845, 38.8127

Complementary

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



30.1138, 23.4845, 39.5050



25.0844, 34.7306, 22.8358

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.



15.1022, 23.4845, 25.2709



30.1138, 23.4845, 39.5050



18.5577, 23.4845, 10.0980

Square

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



30.1138, 23.4845, 39.5050



26.7670, 23.4845, 10.2608



16.0044, 23.4845, 15.3716



18.3973, 23.4845, 51.4453

Rectangle

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



30.1138, 23.4845, 39.5050



30.9652, 23.4845, 18.5960



16.0044, 23.4845, 15.3716



15.4573, 23.4845, 34.1018

Sweetspot

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



30.1145, 23.4855, 39.5055



65.1814, 63.4159, 78.0217



21.0568, 18.7505, 42.0452



14.0056, 13.4761, 16.8596



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.



30.1145, 23.4855, 39.5055



51.1298, 36.8220, 68.6848



27.6550, 22.5017, 26.5537



8.3020, 8.1341, 9.9013



17.0622, 8.2874, 23.7710



0.4844, 0.2344, 0.7125

Inverse Universe

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



30.1145, 23.4855, 39.5055



51.1298, 36.8220, 68.6848



27.1794, 35.5686, 33.8677



8.3020, 8.1341, 9.9013



17.0622, 8.2874, 23.7710



0.4844, 0.2344, 0.7125

Previews

White Background



This preview shows how the XYZ color 30.1138, 23.4845, 39.5050 looks on a white background.

Color Contrast Check

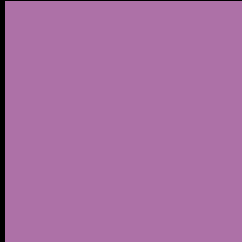
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1138, 23.4845, 39.5050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

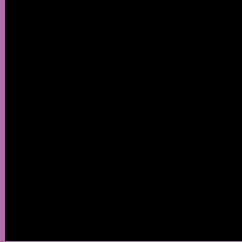
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1138, 23.4845, 39.5050

Background



This preview shows how black text looks on a background with the XYZ color 30.1138, 23.4845, 39.5050.



This preview shows how white text looks on a background with the XYZ color 30.1138, 23.4845,

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

30.1138, 23.4845, 39.5050

Protanopia

24.1995, 23.7607, 47.0269

Deuteranopia

24.1772, 23.7382, 38.4296



Tritanopia

26.8942, 23.3695, 24.2124

Trichromacy



Original Color

30.1138, 23.4845, 39.5050

Protanomaly

25.8175, 23.2908, 44.2091

Deuteranomaly

25.8532, 23.2429, 38.7210

Tritanomaly

27.8968, 23.2518, 29.0043

Monochromacy



Original Color

30.1138, 23.4845, 39.5050

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.6421, 24.0605, 31.3096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1138, 23.4845, 39.5050 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(173, 113, 167)` looks like.

```
.text, #text, p{  
    color:rgb(173, 113, 167)  
}
```

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(173, 113, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 113, 167) }
```

Border

The CSS property to change the border of an element to XYZ 30.1138, 23.4845, 39.5050 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(173, 113, 167) }
```


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

```
.border{ border-color:rgb(173, 113, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 113, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 113, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 113, 167);  
box-shadow:4px 4px 4px 4px rgb(173, 113,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1138, 23.4845, 39.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 113, 167) }
```

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

```
.background{ background-color: rgb(173,  
113, 167) }
```

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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