

Converting Colors

XYZ(23.2373, 14.6401, 28.3891)

Have a look what the booklet for
XYZ(23.2373, 14.6401, 28.3891)
contains.

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Color

**XYZ(23.2373, 14.6401,
28.3891)**

Conversions

Conversions Part 1

Format	Color
Hex	A74691
RGB	167, 70, 145
RGB Percent	65%, 27%, 57%
CMY	0.3451, 0.7255, 0.4314
CMYK	0.00, 0.58, 0.13, 0.35
HSL	314°, 41%, 46%
HSV	314°, 58%, 65%
XYZ	23.2373, 14.6401, 28.3891
YIQ	107.5530, 33.7370, 43.8890

Conversions

Conversions Part 2

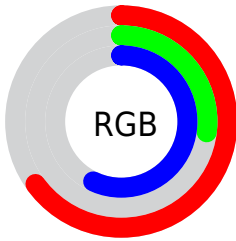
Format	Color
R_{YB}	167, 70, 145
Decimal	10962577
CIE _{Lab}	45.14, 49.12, -22.36
CIE _{LCh}	45, 53.973, 335.525
Yxy	14.6401, 0.3507, 0.2209
Android (android.graphics.Color)	4289152657 (0xFFA74691)
YUV	107.5530, 18.4614, 52.1350
Hunter-Lab	38.2624, 41.4465, -17.2070

Details

The XYZ color **23.2373, 14.6401, 28.3891** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **18.2769, 29.7127, 14.8982**, and the grayscale version is **14.0730, 14.8059, 16.1236**.

A 20% lighter version of the original color is **48.1322, 34.1367, 58.0850**, and **8.8002, 4.4483, 10.9845** is the 20% darker color. If you saturate the color by 10%, you get **22.0471, 12.7190, 26.5753**, and if you desaturate by 10%, it is **24.7287, 17.1474, 30.3516**.

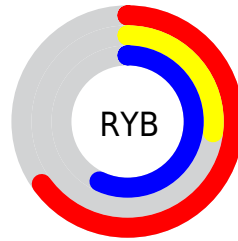
Distribution



Red (65%)

Green (27%)

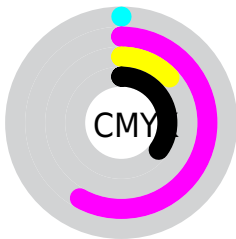
Blue (57%)



Red (65%)

Yellow (27%)

Blue (57%)

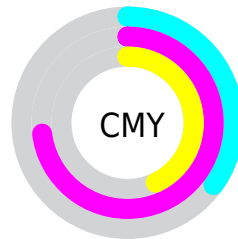


Cyan (0%)

Magenta (58%)

Yellow (13%)

Black (35%)



Cyan (35%)

Magenta (73%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2373, 14.6401, 28.3891 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 23.2373, 14.6401, 28.3891 by changing the saturation by 10% instead.

■ 23.2373, 14.6401,
28.3891

■ 23.2373, 14.6401,
28.3891

261.4541,
221.1774, 308.2918

■ 14.8905, 8.5672,
18.3776

■ 48.2465, 34.2206,
58.1356

■ 8.8284, 4.4600,
11.0492

■ 65.6395, 48.4969,
78.7077

■ 4.6856, 1.9340,
5.9853

■ 86.7787, 66.2765,
103.6371

■ 2.0969, 0.5687,
2.7675

■ 112.0294, 87.9438,
133.3422

■ 0.6875, 0.0000,
0.9772

■ 141.7569,
113.8831, 168.2417

■ 0.0000, 0.0000,
0.0000

176.3267,

144.4789, 208.7541

216.1039,
180.1155, 255.2980

■ 23.2373, 14.6401,
28.3891

■ 23.2373, 14.6401,
28.3891

■ 22.0471, 12.7190,
26.5753

■ 24.7287, 17.1474,
30.3516

■ 21.1317, 11.3326,
24.9006

■ 26.5419, 20.2827,
32.4698

■ 20.4627, 10.4236,
23.3551

■ 28.6972, 24.0864,
34.7509

■ 19.9904, 9.8928,
21.9219

■ 31.2129, 28.5948,
37.2016

■ 19.9070, 9.8038,
21.6546

■ 34.1059, 33.8418,
39.8279

■ 37.3922, 39.8589,
42.6355

■ 41.0866, 46.6759,
45.6299

■ 45.2033, 54.3209,
48.8162

■ 49.7557, 62.8207,
52.1992

Harmonies

Analogous

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



19.4977, 14.6401, 45.3270



23.2373, 14.6401, 28.3891



24.2779, 14.6401, 13.6972

Triad

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



23.2373, 14.6401, 28.3891



13.1079, 14.6401, 1.8794



8.0520, 14.6401, 34.8216

Complementary

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



23.2373, 14.6401, 28.3891



18.2769, 29.7127, 14.8982

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.



7.0218, 14.6401, 18.4164



23.2373, 14.6401, 28.3891



9.5147, 14.6401, 3.1632

Square

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



23.2373, 14.6401, 28.3891



17.7662, 14.6401, 2.4270



7.4938, 14.6401, 7.7959



10.6649, 14.6401, 50.2257

Rectangle

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



23.2373, 14.6401, 28.3891



23.1442, 14.6401, 7.5460



7.4938, 14.6401, 7.7959



7.5377, 14.6401, 28.9912

Sweetspot

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



23.2378, 14.6408, 28.3894



56.2761, 51.8900, 66.9776



13.4820, 9.3961, 37.6625



12.3869, 11.2394, 14.7940



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.



23.2378, 14.6408, 28.3894



38.9111, 21.8882, 46.6124



20.3074, 13.4686, 12.9580



7.7680, 7.6371, 9.0956



15.2521, 7.5096, 16.6710



0.3885, 0.1897, 0.4975

Inverse Universe

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



23.2378, 14.6408, 28.3894



38.9111, 21.8882, 46.6124



21.0431, 30.8192, 29.4648



7.7680, 7.6371, 9.0956



15.2521, 7.5096, 16.6710



0.3885, 0.1897, 0.4975

Previews

White Background



This preview shows how the XYZ color 23.2373, 14.6401, 28.3891 looks on a white 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

Black Background



This preview shows how the XYZ color 23.2373, 14.6401, 28.3891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

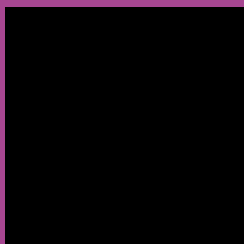
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.2373, 14.6401, 28.3891

Background



This preview shows how black text looks on a background with the XYZ color 23.2373, 14.6401, 28.3891.



This preview shows how white text looks on a background with the XYZ color 23.2373, 14.6401,

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

23.2373, 14.6401, 28.3891

Protanopia

15.9877, 14.8696, 41.5626

Deuteranopia

15.1811, 14.9388, 26.5095



Tritanopia

19.7137, 14.6559, 11.4627

Trichromacy



Original Color

23.2373, 14.6401, 28.3891

Protanomaly

17.1201, 13.7434, 36.4007

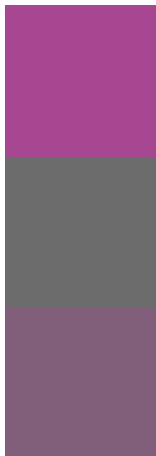
Deuteranomaly

17.1795, 14.1118, 27.0177

Tritanomaly

20.7147, 14.5043, 16.4597

Monochromacy



Original Color

23.2373, 14.6401, 28.3891

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

16.5072, 14.0530, 19.9316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2373, 14.6401, 28.3891 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(167, 70, 145)` looks like.

```
.text, #text, p{  
    color:rgb(167, 70, 145)  
}
```

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(167, 70, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 70, 145) }
```

Border

The CSS property to change the border of an element to XYZ 23.2373, 14.6401, 28.3891 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(167, 70, 145) }
```


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

```
.border{ border-color:rgb(167, 70, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 70, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 70, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 70, 145);  
box-shadow:4px 4px 4px 4px rgb(167, 70,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2373, 14.6401, 28.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 70, 145) }
```

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

```
.background{ background-color: rgb(167, 70,  
145) }
```

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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