

Converting Colors

XYZ(24.1036, 11.6425, 36.5210)

Have a look what the booklet for
XYZ(24.1036, 11.6425, 36.5210)
contains.

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Color

**XYZ(24.0251, 11.6008,
36.5702)**

Conversions

Conversions Part 1	
Format	Color
Hex	AD00A5
RGB	173, 0, 165
RGB Percent	68%, 0%, 65%
CMY	0.3216, 0.9999, 0.3529
CMYK	0.00, 1.00, 0.05, 0.32
HSL	303°, 100%, 34%
HSV	303°, 100%, 68%
XYZ	24.0251, 11.6008, 36.5702
YIQ	70.5370, 50.1430, 87.9910

Conversions

Conversions Part 2

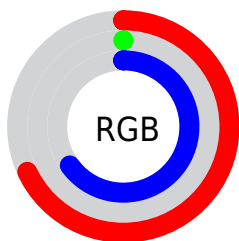
Format	Color
RYB	173, 0, 165
Decimal	11337893
CIELab	40.57, 72.28, -41.48
CIELCh	41, 83.340, 330.150
Yxy	11.6008, 0.3328, 0.1607
Android (android.graphics.Color)	4289527973 (0xFFAD00A5)
YUV	70.5370, 46.5703, 89.8601
Hunter-Lab	34.0599, 66.3049, -39.8178

Details

The XYZ color **24.0251, 11.6008, 36.5702** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **14.9879, 29.9052, 5.2126**, and the grayscale version is **5.8315, 6.1352, 6.6812**.

A 20% lighter version of the original color is **49.5002, 28.7169, 71.3406**, and **10.1271, 4.8829, 15.7380** is the 20% darker color. If you saturate the color by 10%, you get **24.0253, 11.6010, 36.5700**, and if you desaturate by 10%, it is **24.3039, 12.0410, 37.0237**.

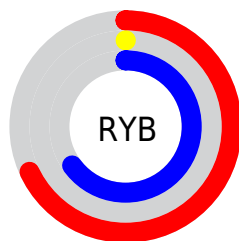
Distribution



Red (68%)

Green (0%)

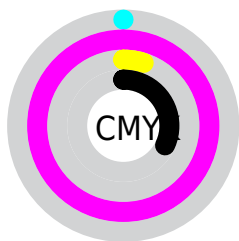
Blue (65%)



Red (68%)

Yellow (0%)

Blue (65%)

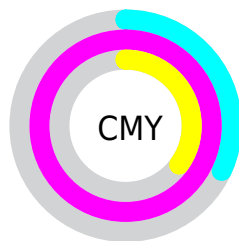


Cyan (0%)

Magenta (100%)

Yellow (5%)

Black (32%)



Cyan (32%)


Magenta (100%)


Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0251, 11.6008, 36.5702 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 24.0251, 11.6008, 36.5702 by changing the saturation by 10% instead.


 24.0251, 11.6008,
36.5702

 24.0251, 11.6008,
36.5702


 265.3855,
201.7443, 346.5585


 15.4771, 6.4725,
24.5817


 49.5255, 28.7659,
71.0902


 9.2434, 3.1344,
15.5495


 67.2087, 41.5715,
94.4588


 4.9586, 1.2023,
9.0551


 88.6675, 57.7050,
122.4578

 2.2575, 0.0636,
4.6798

 114.2675, 77.5507,
155.5058

 0.7728, 0.0000,
2.0052

 144.3739,
101.4931, 194.0213

 0.0000, 0.0000,
0.5585

 179.3521,

 0.0000, 0.0000,

129.9166, 238.4229

0.0000

219.5675,
163.2055, 289.1291

■ 24.0251, 11.6008,
36.5702

■ 24.0251, 11.6008,
36.5702

■ 24.0253, 11.6010,
36.5700

■ 24.3039, 12.0410,
37.0237

■ 24.7618, 12.8393,
37.5391

■ 25.4703, 14.1379,
38.1402

■ 26.4620, 16.0021,
38.8380

■ 27.7646, 18.4875,
39.6417

■ 29.4027, 21.6431,
40.5595

■ 31.3983, 25.5129,
41.5988

■ 33.7714, 30.1372,
42.7662

■ 36.5408, 35.5532,
44.0679

Harmonies

Analogous

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



17.7349, 11.6008, 66.4056



24.0251, 11.6008, 36.5702



26.6349, 11.6008, 12.5465

Triad

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



24.0251, 11.6008, 36.5702



10.9965, 11.6008, 0.0000



3.8550, 11.6008, 36.8702

Complementary

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



24.0251, 11.6008, 36.5702



14.9879, 29.9052, 5.2126

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.



3.1447, 11.6008, 12.7165



24.0251, 11.6008, 36.5702



6.2670, 11.6008, 0.0000

Square

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



24.0251, 11.6008, 36.5702



17.6644, 11.6008, 0.0000



3.8403, 11.6008, 2.3981



6.3023, 11.6008, 66.6630

Rectangle

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



24.0251, 11.6008, 36.5702



25.4085, 11.6008, 4.4387



3.8403, 11.6008, 2.3981



3.4541, 11.6008, 27.3895

Sweetspot

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



24.0256, 11.6014, 36.5704



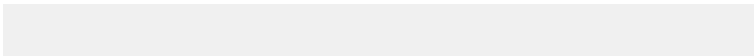
56.0244, 45.2880, 74.3954



7.6155, 3.0549, 39.7240



11.8451, 9.2009, 15.9984



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.



24.0256, 11.6014, 36.5704



43.0049, 20.7674, 65.3743



18.7096, 9.4750, 8.5769



8.3208, 8.1416, 10.0003



17.6559, 8.5249, 26.8971



0.4960, 0.2391, 0.7734

Inverse Universe

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



24.0256, 11.6014, 36.5704



43.0049, 20.7674, 65.3743



16.8878, 30.6652, 15.2173



8.3208, 8.1416, 10.0003



17.6559, 8.5249, 26.8971



0.4960, 0.2391, 0.7734

Previews

White Background



This preview shows how the XYZ color 24.0251, 11.6008, 36.5702 looks on a white background.

Color Contrast Check

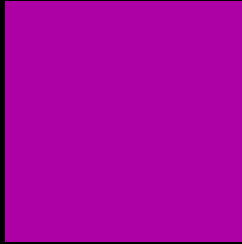
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0251, 11.6008, 36.5702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

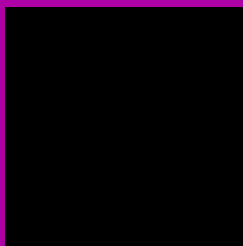
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.0251, 11.6008, 36.5702

Background



This preview shows how black text looks on a background with the XYZ color 24.0251, 11.6008, 36.5702.



This preview shows how white text looks on a background with the XYZ color 24.0251, 11.6008,

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

24.0251, 11.6008, 36.5702

Protanopia

14.5175, 12.3545, 56.2631

Deuteranopia

12.5988, 12.2952, 32.7195



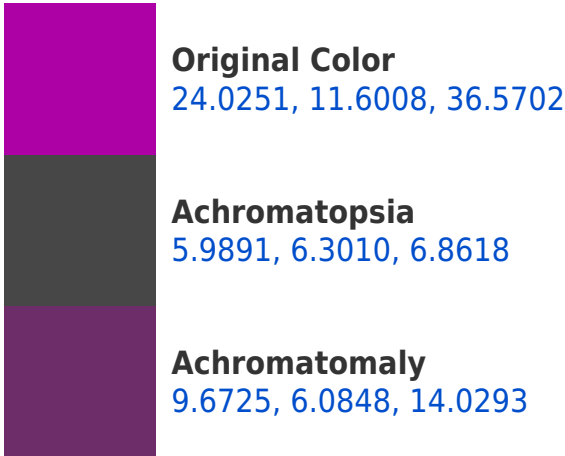
Tritanopia

18.0687, 11.9968, 6.9935

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0251, 11.6008, 36.5702 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, 0, 165)` looks like.

```
.text, #text, p{  
    color:rgb(173, 0, 165)  
}
```

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, 0, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 165) }
```

Border

The CSS property to change the border of an element to XYZ 24.0251, 11.6008, 36.5702 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, 0, 165) }
```


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

```
.border{ border-color:rgb(173, 0, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 0, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 165);  
box-shadow:4px 4px 4px 4px rgb(173, 0,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0251, 11.6008, 36.5702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 0, 165) }
```

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

```
.background{ background-color: rgb(173, 0,  
165) }
```

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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