

Converting Colors

XYZ(41.1077, 28.1099, 84.9294)

Have a look what the booklet for
XYZ(41.1077, 28.1099, 84.9294)
contains.

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Color

**XYZ(41.2523, 28.2326,
84.9366)**

Conversions

Conversions Part 1	
Format	Color
Hex	B871EF
RGB	184, 113, 239
RGB Percent	72%, 44%, 94%
CMY	0.2784, 0.5569, 0.0627
CMYK	0.23, 0.53, 0.00, 0.06
HSL	274°, 80%, 69%
HSV	274°, 53%, 94%
XYZ	41.2523, 28.2326, 84.9366
YIQ	148.5930, 1.8700, 54.2380

Conversions

Conversions Part 2

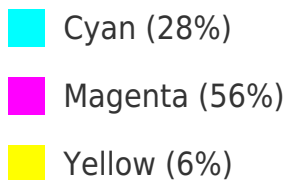
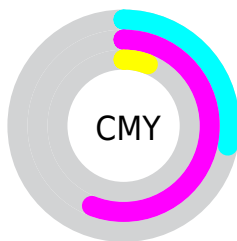
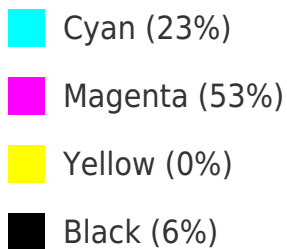
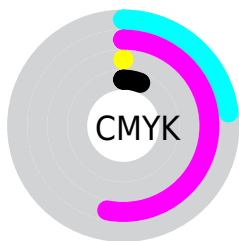
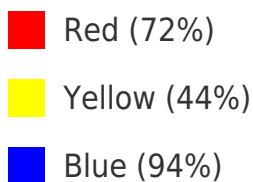
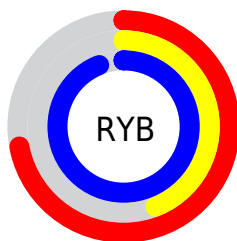
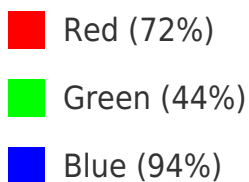
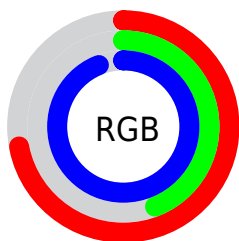
Format	Color
RYB	184, 113, 239
Decimal	12087791
CIELab	60.10, 50.55, -52.90
CIELCh	60, 73.176, 313.699
Yxy	28.2326, 0.2671, 0.1828
Android (android.graphics.Color)	4290277871 (0xFFB871EF)
YUV	148.5930, 44.5707, 31.0519
Hunter-Lab	53.1344, 45.5982, -57.5825

Details

The XYZ color **41.2523, 28.2326, 84.9366** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **49.9962, 71.2507, 26.7414**, and the grayscale version is **28.2159, 29.6853, 32.3273**.

A 20% lighter version of the original color is **68.4867, 53.7347, 101.3699**, and **19.0143, 11.3041, 45.4357** is the 20% darker color. If you saturate the color by 10%, you get **36.5211, 22.3434, 84.0497**, and if you desaturate by 10%, it is **46.8720, 35.6229, 86.0674**.

Distribution





Brightness & Saturation

Gradients


These gradients show how the XYZ color 41.2523, 28.2326, 84.9366 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 41.2523, 28.2326, 84.9366 by changing the saturation by 10% instead.

 41.2523, 28.2326,
84.9366


 41.2523, 28.2326,
84.9366

342.4186,
293.5767, 531.5574

 28.7048, 18.5011,
63.2391


 76.3390, 56.8556,
142.1580

 19.0008, 11.3103,
45.5925

 99.6090, 76.5158,
178.5190

 11.7749, 6.2760,
31.5780


 127.1838,
100.2544, 220.6049

 6.6617, 3.0136,
20.7772

 159.4289,
128.4558, 268.8343

 3.2959, 1.1388,
12.7716

196.7096,
161.5043, 323.6257

 1.3121, 0.0109,
7.1426


239.3912,


 0.1922, 0.0000,

199.7844, 385.3977


3.4716


287.8391,
243.6804, 454.5687


 0.0000, 0.0000,
1.3402

 0.0000, 0.0000,
0.0944


 41.2523, 28.2326,
84.9366


 41.2523, 28.2326,
84.9366

 36.5211, 22.3434,
84.0497


 46.8720, 35.6229,
86.0674


 32.6146, 17.8371,
83.3858


 53.4309, 44.6134,
87.4570


 29.4649, 14.5827,
82.9237


 60.9796, 55.2985,
89.1216


 26.9891, 12.4205,
82.6368

 69.5635, 67.7641,
91.0753

 25.5199, 11.3562,
82.5088

 79.2254, 82.0903,
93.3313

 89.5559, 97.4530,
95.7521

 92.5801, 99.0120,
95.8936

Harmonies

Analogous

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



31.3159, 28.2326, 112.6801



41.2523, 28.2326, 84.9366



48.0260, 28.2326, 47.5557

Triad

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



41.2523, 28.2326, 84.9366



32.1975, 28.2326, 3.0847



12.8943, 28.2326, 44.6005

Complementary

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



41.2523, 28.2326, 84.9366



49.9962, 71.2507, 26.7414

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.



13.0243, 28.2326, 18.4455



41.2523, 28.2326, 84.9366



22.8019, 28.2326, 2.9560

Square

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



41.2523, 28.2326, 84.9366



42.0254, 28.2326, 7.1396



16.2408, 28.2326, 6.5334



15.8315, 28.2326, 81.7250

Rectangle

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



41.2523, 28.2326, 84.9366



49.0422, 28.2326, 27.5405



16.2408, 28.2326, 6.5334



12.6061, 28.2326, 34.1792

Sweetspot

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



41.2534, 28.2337, 84.9372



77.1360, 73.4518, 104.7199



36.7095, 38.3808, 87.1353



16.0672, 15.0774, 22.3134



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.2534, 28.2337, 84.9372



42.0617, 25.5867, 97.3296



56.1676, 36.0279, 80.8606



15.7496, 15.6681, 19.9158



14.2561, 6.3547, 45.6031



1.3000, 0.5874, 3.7991

Inverse Universe

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



48.5703, 32.9890, 40.8539



52.0176, 32.0253, 38.7865



41.0252, 66.5835, 28.2380



16.0593, 15.8734, 17.8687



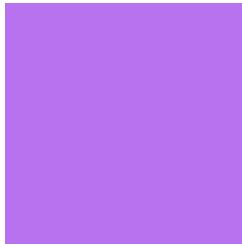
21.1247, 10.7223, 8.5730



1.8065, 0.9116, 0.9717

Previews

White Background



This preview shows how the XYZ color 41.2523, 28.2326, 84.9366 looks on a white background.

Color Contrast Check

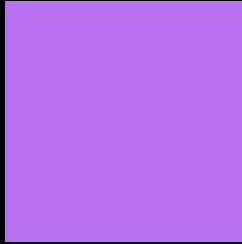
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.2523, 28.2326, 84.9366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

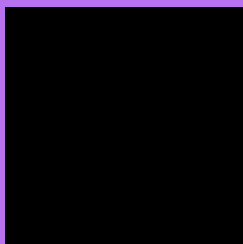
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.2523, 28.2326, 84.9366

Background



This preview shows how black text looks on a background with the XYZ color 41.2523, 28.2326, 84.9366.



This preview shows how white text looks on a background with the XYZ color 41.2523, 28.2326,

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

41.2523, 28.2326, 84.9366

Protanopia

31.9885, 28.5451, 98.4315

Deuteranopia

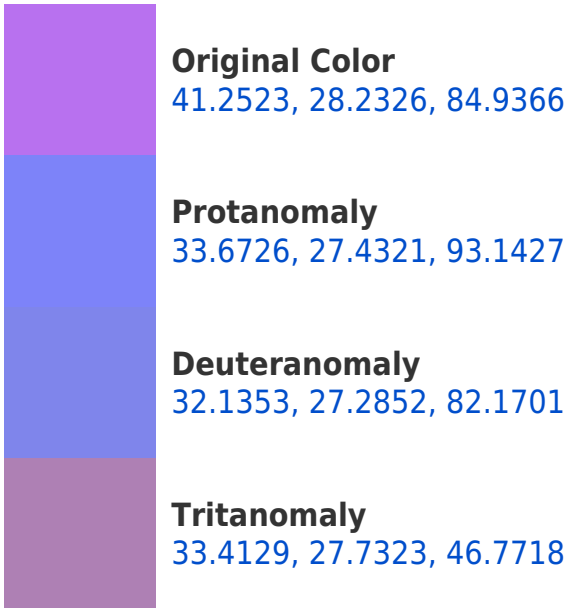
29.4495, 28.5137, 81.0423



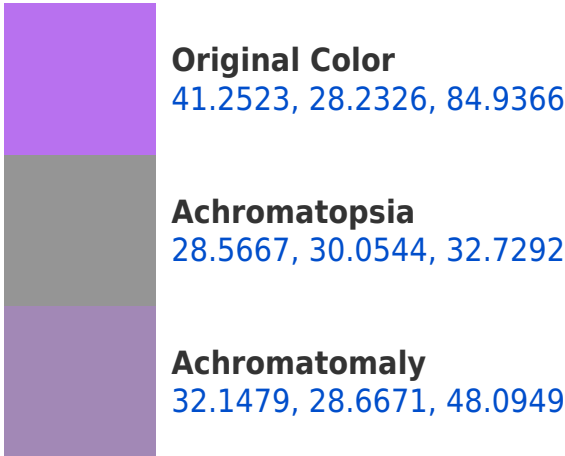
Tritanopia

30.2191, 28.0397, 31.4233

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2523, 28.2326, 84.9366 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(184, 113, 239) looks like.

```
.text, #text, p{  
    color:rgb(184, 113, 239)  
}
```

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(184, 113, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 113, 239) }
```

Border

The CSS property to change the border of an element to XYZ 41.2523, 28.2326, 84.9366 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(184, 113, 239) }
```


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

```
.border{ border-color:rgb(184, 113, 239) }
```

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

Here you see how a box with a 4 pixel rgb(184, 113, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 113, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 113, 239);  
box-shadow:4px 4px 4px 4px rgb(184, 113,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2523, 28.2326, 84.9366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 113, 239) }
```

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

```
.background{ background-color: rgb(184,  
113, 239) }
```

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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