

Converting Colors

XYZ(29.1086, 14.1327, 40.8181)

Have a look what the booklet for
XYZ(29.1086, 14.1327, 40.8181)
contains.

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Color

**XYZ(29.0287, 14.0935,
40.7255)**

Conversions

Conversions Part 1	
Format	Color
Hex	BF00AD
RGB	191, 0, 173
RGB Percent	75%, 0%, 68%
CMY	0.2510, 0.9999, 0.3216
CMYK	0.00, 1.00, 0.09, 0.25
HSL	306°, 100%, 37%
HSV	306°, 100%, 75%
XYZ	29.0287, 14.0935, 40.7255
YIQ	76.8310, 58.3030, 94.2950

Conversions

Conversions Part 2

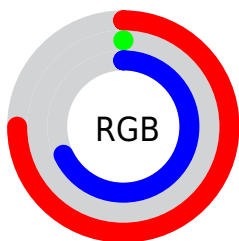
Format	Color
RYB	191, 0, 173
Decimal	12517549
CIELab	44.37, 76.52, -40.02
CIELCh	44, 86.350, 332.389
Yxy	14.0935, 0.3462, 0.1681
Android (android.graphics.Color)	4290707629 (0xFFBF00AD)
YUV	76.8310, 47.4113, 100.1262
Hunter-Lab	37.5413, 72.3273, -38.0400

Details

The XYZ color **29.0287, 14.0935, 40.7255** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **18.7407, 37.3059, 6.7864**, and the grayscale version is **6.9329, 7.2940, 7.9431**.

A 20% lighter version of the original color is **57.4162, 33.1458, 77.5004**, and **13.0630, 6.3426, 18.3050** is the 20% darker color. If you saturate the color by 10%, you get **29.0287, 14.0935, 40.7244**, and if you desaturate by 10%, it is **29.4394, 14.6338, 41.7278**.

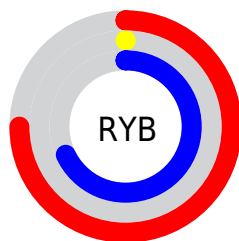
Distribution



Red (75%)

Green (0%)

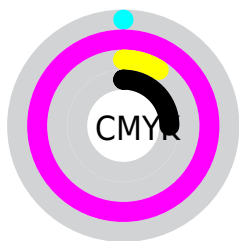
Blue (68%)



Red (75%)

Yellow (0%)

Blue (68%)

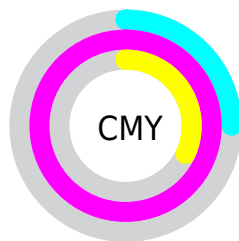


Cyan (0%)

Magenta (100%)

Yellow (9%)

Black (25%)



Cyan (25%)


Magenta (100%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0287, 14.0935, 40.7255 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 29.0287, 14.0935, 40.7255 by changing the saturation by 10% instead.

 29.0287, 14.0935,
40.7255


 29.0287, 14.0935,
40.7255


 289.3421,
217.8117, 364.8146


 19.2469, 8.1857,
27.7866


 57.5199, 33.2548,
77.5162

 11.9539, 4.2140,
17.9272


 76.9601, 47.2772,
102.2050

 6.7843, 1.7940,
10.7288


 100.3504, 64.7732,
131.6475

 3.3727, 0.4834,
5.7729

 128.0563, 86.1272,
166.2623

 1.3538, 0.0000,
2.6410

 160.4430,
111.7237, 206.4678

 0.2229, 0.0000,
0.9135

 197.8760,

 0.0000, 0.0000,

141.9470, 252.6827

0.0000

240.7206,
177.1816, 305.3255

■ 29.0287, 14.0935,
40.7255

■ 29.0287, 14.0935,
40.7255

■ 29.0287, 14.0935,
40.7244

■ 29.4394, 14.6338,
41.7278

■ 30.0825, 15.6357,
42.8192

■ 31.0416, 17.2656,
44.0275

■ 32.3588, 19.6078,
45.3669

■ 34.0696, 22.7336,
46.8493

■ 36.2053, 26.7054,
48.4852

■ 38.7942, 31.5795,
50.2839

■ 41.8618, 37.4074,
52.2541

■ 45.4321, 44.2366,
54.4038

Harmonies

Analogous

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



21.8845, 14.0935, 75.4691



29.0287, 14.0935, 40.7255



31.6265, 14.0935, 13.8075

Triad

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



29.0287, 14.0935, 40.7255



12.8471, 14.0935, 0.0000



4.9950, 14.0935, 46.2444

Complementary

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



29.0287, 14.0935, 40.7255



18.7407, 37.3059, 6.7864

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.



4.0006, 14.0935, 16.9935



29.0287, 14.0935, 40.7255



7.4463, 14.0935, 0.2501

Square

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



29.0287, 14.0935, 40.7255



20.5756, 14.0935, 0.0000



4.7125, 14.0935, 3.5780



8.1165, 14.0935, 80.1684

Rectangle

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



29.0287, 14.0935, 40.7255



29.8970, 14.0935, 4.9105



4.7125, 14.0935, 3.5780



4.4612, 14.0935, 34.9752

Sweetspot

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



29.0292, 14.0942, 40.7258



69.2338, 56.0931, 89.8934



9.6170, 3.8718, 49.5312



14.7499, 11.4622, 19.4311



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



29.0292, 14.0942, 40.7258



51.9407, 25.2216, 72.6770



22.9196, 11.6503, 8.5527



9.8901, 9.6804, 11.8105



19.0932, 9.2684, 26.8480



0.7593, 0.3676, 1.1118

Inverse Universe

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



29.0292, 14.0942, 40.7258



51.9407, 25.2216, 72.6770



21.5242, 38.4193, 21.4440



9.8901, 9.6804, 11.8105



19.0932, 9.2684, 26.8480



0.7593, 0.3676, 1.1118

Previews

White Background



This preview shows how the XYZ color 29.0287, 14.0935, 40.7255 looks on a white background.

Color Contrast Check

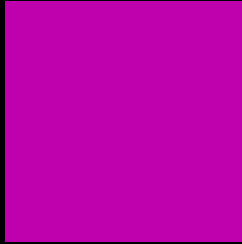
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0287, 14.0935, 40.7255 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 29.0287, 14.0935, 40.7255

Background



This preview shows how black text looks on a background with the XYZ color 29.0287, 14.0935, 40.7255.



This preview shows how white text looks on a background with the XYZ color 29.0287, 14.0935,

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

29.0287, 14.0935, 40.7255

Protanopia

17.6364, 14.8150, 68.9479

Deuteranopia

15.1726, 14.8734, 36.2536



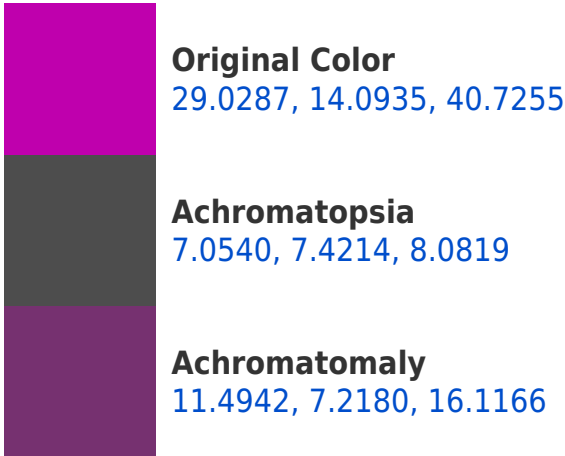
Tritanopia

22.2929, 14.4259, 7.7404

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0287, 14.0935, 40.7255 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(191, 0, 173)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 173)  
}
```

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(191, 0, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 173) }
```

Border

The CSS property to change the border of an element to XYZ 29.0287, 14.0935, 40.7255 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(191, 0, 173) }
```


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

```
.border{ border-color:rgb(191, 0, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 0, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 173);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0287, 14.0935, 40.7255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 173) }
```

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

```
.background{ background-color: rgb(191, 0,  
173) }
```

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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