

Converting Colors

XYZ(26.6419, 8.9729, 39.3361)

Have a look what the booklet for
XYZ(26.6419, 8.9729, 39.3361)
contains.

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Color

**XYZ(29.1846, 14.1850,
40.2295)**

Conversions

Conversions Part 1

Format	Color
Hex	C000AC
RGB	192, 0, 172
RGB Percent	75%, 0%, 67%
CMY	0.2471, 0.9999, 0.3255
CMYK	0.00, 1.00, 0.10, 0.25
HSL	306°, 100%, 38%
HSV	306°, 100%, 75%
XYZ	29.1846, 14.1850, 40.2295
YIQ	77.0160, 59.2200, 94.1960

Conversions

Conversions Part 2

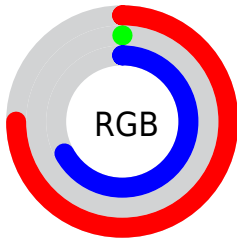
Format	Color
R_{YB}	192, 0, 172
Decimal	12583084
CIE _{Lab}	44.50, 76.56, -39.21
CIE _{LCh}	44, 86.012, 332.881
Yxy	14.1850, 0.3491, 0.1697
Android (android.graphics.Color)	4290773164 (0xFFC000AC)
YUV	77.0160, 46.8271, 100.8410
Hunter-Lab	37.6630, 72.4073, -36.9662

Details

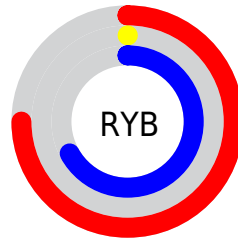
The XYZ color **29.1846, 14.1850, 40.2295** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **18.9766, 37.7504, 6.9494**, and the grayscale version is **6.9679, 7.3308, 7.9833**.

A 20% lighter version of the original color is **57.7209, 33.4416, 76.8114**, and **13.1613, 6.4002, 17.9945** is the 20% darker color. If you saturate the color by 10%, you get **29.1846, 14.1850, 40.2283**, and if you desaturate by 10%, it is **29.6152, 14.7360, 41.3282**.

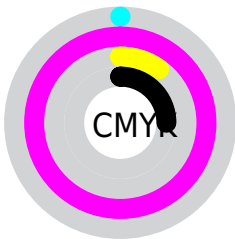
Distribution



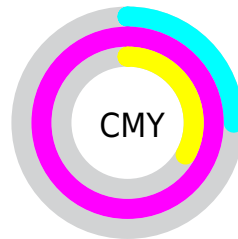
- Red (75%)
- Green (0%)
- Blue (67%)



- Red (75%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1846, 14.1850, 40.2295 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 29.1846, 14.1850, 40.2295 by changing the saturation by 10% instead.

 29.1846, 14.1850,
40.2295

 29.1846, 14.1850,
40.2295

290.0635,
218.3787, 362.6707


 19.3655, 8.2494,
27.4024


 57.7658, 33.4169,
76.7538

 12.0402, 4.2550,
17.6405


 77.2586, 47.4821,
101.2880


 6.8435, 1.8172,
10.5255


 100.7066, 65.0259,
130.5617

 3.4099, 0.4979,
5.6386

 128.4753, 86.4328,
164.9933

 1.3740, 0.0000,
2.5614

 160.9300,
112.0871, 205.0016

 0.2376, 0.0000,
0.8724

 198.4360,

 0.0000, 0.0000,

142.3733, 251.0048

0.0000

241.3587,
177.6757, 303.4217

■ 29.1846, 14.1850,
40.2295

■ 29.1846, 14.1850,
40.2295

■ 29.1846, 14.1850,
40.2283

■ 29.6152, 14.7360,
41.3282

■ 30.2818, 15.7548,
42.5197

■ 31.2687, 17.4095,
43.8325

■ 32.6185, 19.7854,
45.2806

■ 34.3674, 22.9546,
46.8763

■ 36.5470, 26.9805,
48.6302

■ 39.1858, 31.9202,
50.5517

■ 42.3099, 37.8257,
52.6497

■ 45.9434, 44.7451,
54.9322

Harmonies

Analogous

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



22.0999, 14.1850, 74.8839



29.1846, 14.1850, 40.2295



31.6786, 14.1850, 13.6030

Triad

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



29.1846, 14.1850, 40.2295



12.8229, 14.1850, 0.0000



5.0953, 14.1850, 46.8610

Complementary

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



29.1846, 14.1850, 40.2295



18.9766, 37.7504, 6.9494

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.



4.0653, 14.1850, 17.4463



29.1846, 14.1850, 40.2295



7.4590, 14.1850, 0.3136

Square

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



29.1846, 14.1850, 40.2295



20.5242, 14.1850, 0.0114



4.7528, 14.1850, 3.7546



8.2694, 14.1850, 80.5213

Rectangle

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



29.1846, 14.1850, 40.2295



29.8879, 14.1850, 4.8429



4.7528, 14.1850, 3.7546



4.5477, 14.1850, 35.5740

Sweetspot

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



29.1851, 14.1857, 40.2298



70.7453, 57.3544, 91.4166



9.7877, 3.9471, 50.1156



14.7227, 11.4513, 19.2877



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.



29.1851, 14.1857, 40.2298



52.8247, 25.6800, 72.5974



23.0718, 11.7404, 8.0372



10.4506, 10.2289, 12.4635



19.6549, 9.5517, 27.1584



0.8625, 0.4180, 1.2433

Inverse Universe

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



29.1851, 14.1857, 40.2298



52.8247, 25.6800, 72.5974



21.9568, 38.9425, 22.6428



10.4506, 10.2289, 12.4635



19.6549, 9.5517, 27.1584



0.8625, 0.4180, 1.2433

Previews

White Background



This preview shows how the XYZ color 29.1846, 14.1850, 40.2295 looks on a white background.

Color Contrast Check

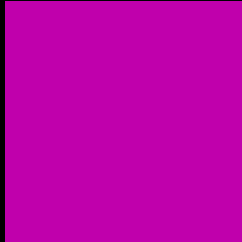
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1846, 14.1850, 40.2295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

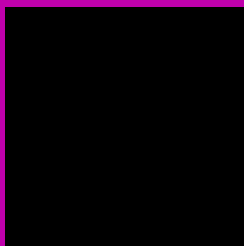
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.1846, 14.1850, 40.2295

Background



This preview shows how black text looks on a background with the XYZ color 29.1846, 14.1850, 40.2295.



This preview shows how white text looks on a background with the XYZ color 29.1846, 14.1850,

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

29.1846, 14.1850, 40.2295

Protanopia

17.8686, 15.0679, 69.6768

Deuteranopia

15.1704, 14.8824, 35.7912



Tritanopia

22.7653, 14.6694, 7.7625

Trichromacy



Original Color

29.1846, 14.1850, 40.2295



Protanomaly

15.2535, 9.5103, 57.5316



Deuteranomaly

16.8847, 10.9884, 36.8284



Tritanomaly

23.8204, 13.2496, 15.4893

Monochromacy



Original Color

29.1846, 14.1850, 40.2295



Achromatopsia

7.0540, 7.4214, 8.0819



Achromatomaly

11.6307, 7.2884, 16.1230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1846, 14.1850, 40.2295 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(192, 0, 172)` looks like.

```
.text, #text, p{  
    color:rgb(192, 0, 172)  
}
```

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(192, 0, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 0, 172) }
```

Border

The CSS property to change the border of an element to XYZ 29.1846, 14.1850, 40.2295 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(192, 0, 172) }
```


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

```
.border{ border-color:rgb(192, 0, 172) }
```

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

Here you see how a box with a 4 pixel rgb(192, 0, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 0, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 0, 172);  
box-shadow:4px 4px 4px 4px rgb(192, 0,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1846, 14.1850, 40.2295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 0, 172) }
```

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

```
.background{ background-color: rgb(192, 0,  
172) }
```

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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