

Converting Colors

XYZ(29.2706, 14.4140, 37.6634)

Have a look what the booklet for
XYZ(29.2706, 14.4140, 37.6634)
contains.

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Color

**XYZ(29.3100, 14.4330,
37.8003)**

Conversions

Conversions Part 1

Format	Color
Hex	C208A7
RGB	194, 8, 167
RGB Percent	76%, 3%, 65%
CMY	0.2392, 0.9685, 0.3451
CMYK	0.00, 0.96, 0.14, 0.24
HSL	309°, 92%, 40%
HSV	309°, 96%, 76%
XYZ	29.3100, 14.4330, 37.8003
YIQ	81.7400, 59.8170, 88.8810

Conversions

Conversions Part 2

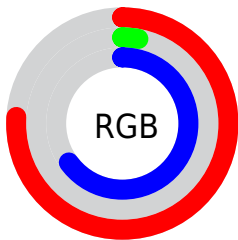
Format	Color
RYB	194, 8, 167
Decimal	12716199
CIELab	44.85, 75.53, -35.65
CIELCh	45, 83.521, 334.729
Yxy	14.4330, 0.3594, 0.1770
Android (android.graphics.Color)	4290906279 (0xFFC208A7)
YUV	81.7400, 42.0332, 98.4520
Hunter-Lab	37.9908, 71.2294, -32.3992

Details

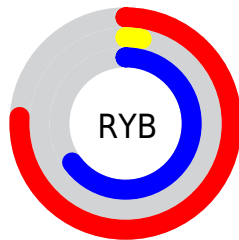
The XYZ color **29.3100, 14.4330, 37.8003** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **19.6962, 38.7572, 8.0351**, and the grayscale version is **7.8817, 8.2922, 9.0302**.

A 20% lighter version of the original color is **57.9334, 33.8807, 73.2982**, and **13.1906, 6.4491, 16.4692** is the 20% darker color. If you saturate the color by 10%, you get **29.1161, 14.2165, 37.2065**, and if you desaturate by 10%, it is **29.8885, 15.1684, 39.2920**.

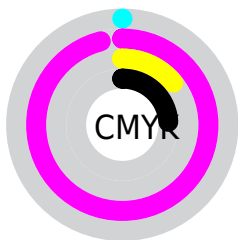
Distribution



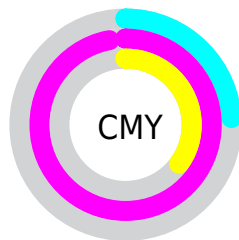
- Red (76%)
- Green (3%)
- Blue (65%)



- Red (76%)
- Yellow (3%)
- Blue (65%)



- Cyan (0%)
- Magenta (96%)
- Yellow (14%)
- Black (24%)





- Cyan (24%)
- Magenta (97%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3100, 14.4330, 37.8003 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 29.3100, 14.4330, 37.8003 by changing the saturation by 10% instead.

 29.3100, 14.4330,
37.8003


 29.3100, 14.4330,
37.8003


290.6427,
219.9082, 352.0350

 19.4609, 8.4224,
25.5271


 57.9634, 33.8554,
73.0020


 12.1098, 4.3664,
16.2476


 77.4984, 48.0360,
96.7675


 6.8912, 1.8806,
9.5433


 100.9928, 65.7087,
125.2010

 3.4399, 0.5367,
4.9956

 128.8120, 87.2580,
158.7208

 1.3904, 0.0000,
2.1860

 161.3211,
113.0681, 197.7456

 0.2494, 0.0000,
0.6663

 198.8858,

 0.0000, 0.0000,

143.5236, 242.6938

0.0000

241.8712,
179.0088, 293.9841

■ 29.3100, 14.4330,
37.8003

■ 29.3100, 14.4330,
37.8003

■ 29.1161, 14.2165,
37.2065

■ 29.8885, 15.1684,
39.2920

■ 30.7654, 16.4917,
40.9112

■ 31.9920, 18.5054,
42.6754

■ 33.6092, 21.2909,
44.5982

■ 35.6518, 24.9180,
46.6915

■ 38.1510, 29.4489,
48.9658

■ 41.1349, 34.9398,
51.4307

■ 44.6294, 41.4424,
54.0950

■ 48.6585, 49.0047,
56.9668

Harmonies

Analogous

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



22.6208, 14.4330, 71.1468



29.3100, 14.4330, 37.8003



31.3627, 14.4330, 12.8192

Triad

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



29.3100, 14.4330, 37.8003



12.6657, 14.4330, 0.0000



5.5203, 14.4330, 48.2622

Complementary

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



29.3100, 14.4330, 37.8003



19.6962, 38.7572, 8.0351

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.



4.3638, 14.4330, 19.0172



29.3100, 14.4330, 37.8003



7.5245, 14.4330, 0.6070

Square

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



29.3100, 14.4330, 37.8003



20.1079, 14.4330, 0.1255



4.9520, 14.4330, 4.5209



8.8495, 14.4330, 79.9561

Rectangle

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



29.3100, 14.4330, 37.8003



29.3969, 14.4330, 4.6624



4.9520, 14.4330, 4.5209



4.9255, 14.4330, 37.2263

Sweetspot

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



29.3105, 14.4337, 37.8006



72.4763, 59.5159, 91.5313



10.4464, 4.3898, 51.3360



15.3632, 12.0989, 19.6216



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.



29.3105, 14.4337, 37.8006



52.6767, 25.7270, 67.0186



23.6475, 12.1685, 7.9797



10.4324, 10.2216, 12.3675



19.1663, 9.3563, 24.5855



0.8457, 0.4113, 1.1547

Inverse Universe

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



29.3105, 14.4337, 37.8006



52.6767, 25.7270, 67.0186



23.1461, 40.1371, 26.2020



10.4324, 10.2216, 12.3675



19.1663, 9.3563, 24.5855



0.8457, 0.4113, 1.1547

Previews

White Background



This preview shows how the XYZ color 29.3100, 14.4330, 37.8003 looks on a white background.

Color Contrast Check

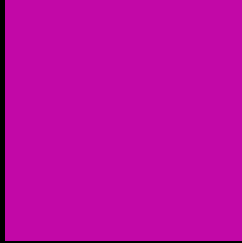
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3100, 14.4330, 37.8003 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 29.3100, 14.4330, 37.8003

Background



This preview shows how black text looks on a background with the XYZ color 29.3100, 14.4330, 37.8003.



This preview shows how white text looks on a background with the XYZ color 29.3100, 14.4330,

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

29.3100, 14.4330, 37.8003

Protanopia

18.0015, 15.1211, 70.3765

Deuteranopia

15.3680, 15.0244, 33.9883



Tritanopia

23.0613, 14.6529, 7.4072

Trichromacy



Original Color

29.3100, 14.4330, 37.8003



Protanomaly

15.2693, 9.8129, 56.3476



Deuteranomaly

17.4387, 11.5917, 35.0365



Tritanomaly

24.2272, 13.5881, 14.7104

Monochromacy



Original Color

29.3100, 14.4330, 37.8003



Achromatopsia

8.0200, 8.4376, 9.1886



Achromatomaly

12.5152, 8.1356, 16.5335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3100, 14.4330, 37.8003 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(194, 8, 167)` looks like.

```
.text, #text, p{  
    color:rgb(194, 8, 167)  
}
```

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(194, 8, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 8, 167) }
```

Border

The CSS property to change the border of an element to XYZ 29.3100, 14.4330, 37.8003 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(194, 8, 167) }
```


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

```
.border{ border-color:rgb(194, 8, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 8, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 8, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 8, 167);  
box-shadow:4px 4px 4px 4px rgb(194, 8,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3100, 14.4330, 37.8003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 8, 167) }
```

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

```
.background{ background-color: rgb(194, 8,  
167) }
```

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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