

Converting Colors

XYZ(29.3479, 14.4826, 37.5259)

Have a look what the booklet for
XYZ(29.3479, 14.4826, 37.5259)
contains.

XYZ(29.2396, 14.4396, 37.3224)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.2396, 14.4396,
37.3224)**

Conversions

Conversions Part 1

Format	Color
Hex	C20AA6
RGB	194, 10, 166
RGB Percent	76%, 4%, 65%
CMY	0.2392, 0.9607, 0.3490
CMYK	0.00, 0.95, 0.14, 0.24
HSL	309°, 90%, 40%
HSV	309°, 95%, 76%
XYZ	29.2396, 14.4396, 37.3224
YIQ	82.8000, 59.5880, 87.5240

Conversions

Conversions Part 2

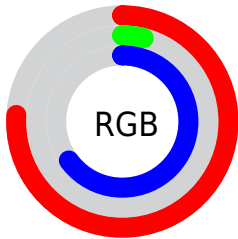
Format	Color
R_{YB}	194, 10, 166
Decimal	12716710
CIE _{Lab}	44.86, 75.22, -35.04
CIE _{LCh}	45, 82.980, 335.019
Yxy	14.4396, 0.3610, 0.1783
Android (android.graphics.Color)	4290906790 (0xFFC20AA6)
YUV	82.8000, 41.0176, 97.5224
Hunter-Lab	37.9995, 70.8520, -31.6339

Details

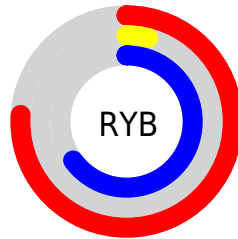
The XYZ color **29.2396, 14.4396, 37.3224** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **19.7678, 38.7887, 8.2814**, and the grayscale version is **8.0959, 8.5175, 9.2756**.

A 20% lighter version of the original color is **57.7990, 33.8269, 72.5901**, and **13.1340, 6.4265, 16.1710** is the 20% darker color. If you saturate the color by 10%, you get **28.9920, 14.1669, 36.5531**, and if you desaturate by 10%, it is **29.8553, 15.2322, 38.8795**.

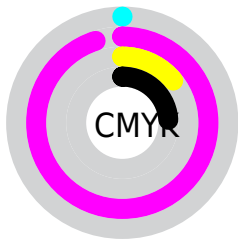
Distribution



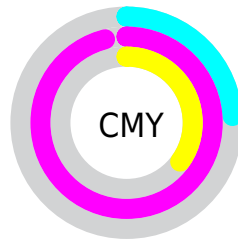
- Red (76%)
- Green (4%)
- Blue (65%)



- Red (76%)
- Yellow (4%)
- Blue (65%)



- Cyan (0%)
- Magenta (95%)
- Yellow (14%)
- Black (24%)





- Cyan (24%)
- Magenta (96%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2396, 14.4396, 37.3224 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 29.2396, 14.4396, 37.3224 by changing the saturation by 10% instead.

 29.2396, 14.4396,
37.3224


 29.2396, 14.4396,
37.3224


290.3176,
219.9487, 349.9149

 19.4073, 8.4270,
25.1595


 57.8525, 33.8670,
72.2602


 12.0707, 4.3694,
15.9758


 77.3638, 48.0507,
95.8722


 6.8644, 1.8823,
9.3529


 100.8322, 65.7268,
124.1376

 3.4230, 0.5377,
4.8721

 128.6230, 87.2799,
157.4749

 1.3812, 0.0000,
2.1150

 161.1016,
113.0942, 196.3028

 0.2428, 0.0000,
0.6247

 198.6333,

 0.0000, 0.0000,

143.5542, 241.0397

0.0000

241.5836,
179.0442, 292.1042

■ 29.2396, 14.4396,
37.3224

■ 29.2396, 14.4396,
37.3224

■ 28.9920, 14.1669,
36.5531

■ 29.8553, 15.2322,
38.8795

■ 30.7768, 16.6268,
40.5694

■ 32.0533, 18.7211,
42.4087

■ 33.7246, 21.5951,
44.4109

■ 35.8254, 25.3176,
46.5876

■ 38.3863, 29.9502,
48.9495

■ 41.4353, 35.5486,
51.5059

■ 44.9980, 42.1640,
54.2656

■ 49.0983, 49.8442,
57.2367

Harmonies

Analogous

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



22.6376, 14.4396, 70.3279



29.2396, 14.4396, 37.3224



31.2173, 14.4396, 12.6794

Triad

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



29.2396, 14.4396, 37.3224



12.6161, 14.4396, 0.0000



5.5825, 14.4396, 48.3120

Complementary

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



29.2396, 14.4396, 37.3224



19.7678, 38.7887, 8.2814

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.



4.4089, 14.4396, 19.2168



29.2396, 14.4396, 37.3224



7.5249, 14.4396, 0.6559

Square

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



29.2396, 14.4396, 37.3224



19.9925, 14.4396, 0.1484



4.9800, 14.4396, 4.6448



8.9260, 14.4396, 79.5651

Rectangle

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



29.2396, 14.4396, 37.3224



29.2335, 14.4396, 4.6347



4.9800, 14.4396, 4.6448



4.9819, 14.4396, 37.3627

Sweetspot

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



29.2401, 14.4403, 37.3227



72.9684, 60.5312, 91.5996



10.6321, 4.5178, 51.3510



15.4542, 12.2925, 19.6159



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.



29.2401, 14.4403, 37.3227



52.4491, 25.6360, 65.8203



23.6074, 12.1872, 7.6611



10.4293, 10.2203, 12.3511



19.0856, 9.3240, 24.1606



0.8429, 0.4102, 1.1399

Inverse Universe

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



29.2401, 14.4403, 37.3227



52.4491, 25.6360, 65.8203



23.4207, 40.2499, 27.5170



10.4293, 10.2203, 12.3511



19.0856, 9.3240, 24.1606



0.8429, 0.4102, 1.1399

Previews

White Background



This preview shows how the XYZ color 29.2396, 14.4396, 37.3224 looks on a white background.

Color Contrast Check

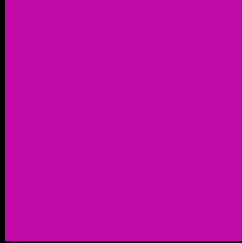
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2396, 14.4396, 37.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

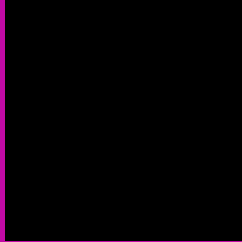
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.2396, 14.4396, 37.3224

Background



This preview shows how black text looks on a background with the XYZ color 29.2396, 14.4396, 37.3224.



This preview shows how white text looks on a background with the XYZ color 29.2396, 14.4396,

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

29.2396, 14.4396, 37.3224

Protanopia

18.0015, 15.1211, 70.3765

Deuteranopia

15.3783, 15.0395, 33.5449



Tritanopia

23.0613, 14.6529, 7.4072

Trichromacy



Original Color

29.2396, 14.4396, 37.3224



Protanomaly

15.3313, 9.9370, 56.3683



Deuteranomaly

17.4149, 11.6848, 34.5952



Tritanomaly

24.2658, 13.6653, 14.7233

Monochromacy



Original Color

29.2396, 14.4396, 37.3224



Achromatopsia

8.2219, 8.6500, 9.4199



Achromatomaly

12.5632, 8.2316, 16.5495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2396, 14.4396, 37.3224 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, 10, 166)` looks like.

```
.text, #text, p{  
    color:rgb(194, 10, 166)  
}
```

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, 10, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 10, 166) }
```

Border

The CSS property to change the border of an element to XYZ 29.2396, 14.4396, 37.3224 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, 10, 166) }
```


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

```
.border{ border-color:rgb(194, 10, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 10, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 10, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 10, 166);  
box-shadow:4px 4px 4px 4px rgb(194, 10,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2396, 14.4396, 37.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 10, 166) }
```

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

```
.background{ background-color: rgb(194, 10,  
166) }
```

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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