

Converting Colors

XYZ(29.1268, 14.6915, 15.9977)

Have a look what the booklet for
XYZ(29.1268, 14.6915, 15.9977)
contains.

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Color

**XYZ(29.1090, 14.6811,
16.0514)**

Conversions

Conversions Part 1

Format	Color
Hex	D1006E
RGB	209, 0, 110
RGB Percent	82%, 0%, 43%
CMY	0.1804, 0.9998, 0.5686
CMYK	0.00, 1.00, 0.47, 0.18
HSL	328°, 100%, 41%
HSV	328°, 100%, 82%
XYZ	29.1090, 14.6811, 16.0514
YIQ	75.0310, 89.2540, 78.5180

Conversions

Conversions Part 2

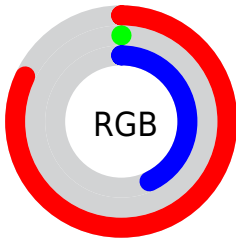
Format	Color
R_{YB}	209, 0, 110
Decimal	13697134
CIE Lab	45.19, 73.26, -0.15
CIE LCh	45, 73.260, 359.886
Yxy	14.6811, 0.4864, 0.2453
Android (android.graphics.Color)	4291887214 (0xFFD1006E)
YUV	75.0310, 17.2397, 117.4908
Hunter-Lab	38.3159, 68.5554, 1.9832

Details

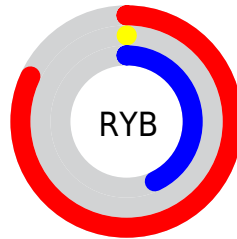
The XYZ color **29.1090, 14.6811, 16.0514** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **25.0550, 46.5028, 19.4698**, and the grayscale version is **6.6560, 7.0027, 7.6259**.

A 20% lighter version of the original color is **51.2454, 30.9780, 36.9966**, and **13.1099, 6.6548, 5.2962** is the 20% darker color. If you saturate the color by 10%, you get **29.1079, 14.6807, 16.0460**, and if you desaturate by 10%, it is **29.9458, 15.4431, 19.1407**.

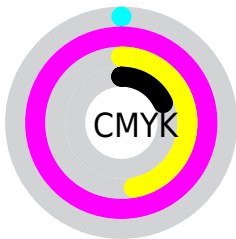
Distribution



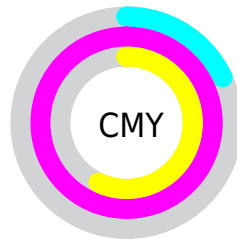
- Red (82%)
- Green (0%)
- Blue (43%)



- Red (82%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1090, 14.6811, 16.0514 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 29.1090, 14.6811, 16.0514 by changing the saturation by 10% instead.


 29.1090, 14.6811,
16.0514


 29.1090, 14.6811,
16.0514


289.7138,
221.4278, 241.5009


 19.3080, 8.5959,
9.4058


 57.6466, 34.2928,
37.4554


 11.9984, 4.4785,
4.9064


 77.1139, 48.5880,
53.0510


 6.8148, 1.9447,
2.1347


 100.5339, 66.3887,
72.4668

 3.3918, 0.5750,
0.6363

 128.2722, 88.0792,
96.1217

 1.3642, 0.0000,
0.0000

 160.6939,
114.0440, 124.4339

 0.2305, 0.0000,
0.0000

 198.1646,

 0.0000, 0.0000,

144.6674, 157.8222

0.0000

241.0494,
180.3339, 196.7050

■ 29.1090, 14.6811,
16.0514

■ 29.1090, 14.6811,
16.0514

■ 29.1079, 14.6807,
16.0460

■ 29.9458, 15.4431,
19.1407

■ 31.1329, 16.8064,
22.6533

■ 32.7696, 18.9664,
26.6312

■ 34.9104, 22.0297,
31.1010

■ 37.6017, 26.0860,
36.0866

■ 40.8841, 31.2144,
41.6092

■ 44.7943, 37.4856,
47.6888

■ 49.3660, 44.9644,
54.3439

■ 54.6301, 53.7107,
61.5921

Harmonies

Analogous

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



26.6215, 14.6811, 39.1875



29.1090, 14.6811, 16.0514



26.6570, 14.6811, 4.4718

Triad

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



29.1090, 14.6811, 16.0514



8.9253, 14.6811, 1.0076



8.8957, 14.6811, 65.5543

Complementary

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



29.1090, 14.6811, 16.0514



25.0550, 46.5028, 19.4698

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.



6.1059, 14.6811, 38.9798



29.1090, 14.6811, 16.0514



6.1192, 14.6811, 4.4230

Square

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



29.1090, 14.6811, 16.0514



13.9770, 14.6811, 0.3259



5.2574, 14.6811, 15.9192



13.9309, 14.6811, 77.7559

Rectangle

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



29.1090, 14.6811, 16.0514



22.8657, 14.6811, 1.6488



5.2574, 14.6811, 15.9192



7.7233, 14.6811, 57.3672

Sweetspot

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



29.1094, 14.6820, 16.0516



70.0142, 58.4018, 74.4323



16.4982, 7.1763, 60.8371



14.4030, 11.5604, 15.0409



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.



29.1094, 14.6820, 16.0516



45.5562, 22.9865, 24.6587



26.3333, 13.5715, 1.4328



12.0649, 11.9107, 13.6176



17.9973, 9.0718, 10.1579



1.0463, 0.5232, 0.7784

Inverse Universe

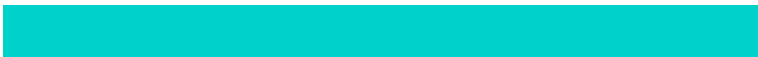
The Inverse Universe completely reimagines the original color for something new.



29.1094, 14.6820, 16.0516



45.5562, 22.9865, 24.6587



33.4657, 49.8670, 63.7601



12.0649, 11.9107, 13.6176



17.9973, 9.0718, 10.1579



1.0463, 0.5232, 0.7784

Previews

White Background



This preview shows how the XYZ color 29.1090, 14.6811, 16.0514 looks on a white background.

Color Contrast Check

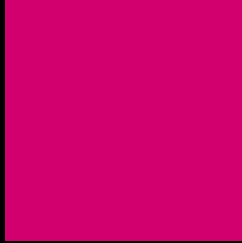
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1090, 14.6811, 16.0514 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 29.1090, 14.6811, 16.0514

Background



This preview shows how black text looks on a background with the XYZ color 29.1090, 14.6811, 16.0514.



This preview shows how white text looks on a background with the XYZ color 29.1090, 14.6811,

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

29.1090, 14.6811, 16.0514

Protanopia

15.9293, 15.2939, 34.9133

Deuteranopia

15.5689, 15.2537, 14.4356



Tritanopia

26.8089, 15.1050, 3.8854

Trichromacy



Original Color

29.1090, 14.6811, 16.0514



Protanomaly

16.8665, 11.2082, 26.4737



Deuteranomaly

17.8323, 11.8838, 14.4506



Tritanomaly

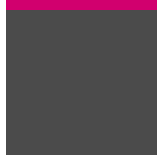
27.1908, 14.5133, 6.8371

Monochromacy



Original Color

29.1090, 14.6811, 16.0514



Achromatopsia

6.6877, 7.0360, 7.6622



Achromatomaly

11.1306, 7.1036, 10.0170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1090, 14.6811, 16.0514 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(209, 0, 110)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 110)  
}
```

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(209, 0, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 110) }
```

Border

The CSS property to change the border of an element to XYZ 29.1090, 14.6811, 16.0514 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(209, 0, 110) }
```


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

```
.border{ border-color:rgb(209, 0, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 0, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 110);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1090, 14.6811, 16.0514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 110) }
```

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

```
.background{ background-color: rgb(209, 0,  
110) }
```

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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