

Converting Colors

XYZ(29.3040, 14.7624, 16.9306)

Have a look what the booklet for
XYZ(29.3040, 14.7624, 16.9306)
contains.

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Color

**XYZ(29.2751, 14.7476,
16.9264)**

Conversions

Conversions Part 1

Format	Color
Hex	D10071
RGB	209, 0, 113
RGB Percent	82%, 0%, 44%
CMY	0.1804, 0.9998, 0.5569
CMYK	0.00, 1.00, 0.46, 0.18
HSL	328°, 100%, 41%
HSV	328°, 100%, 82%
XYZ	29.2751, 14.7476, 16.9264
YIQ	75.3730, 88.2910, 79.4510

Conversions

Conversions Part 2

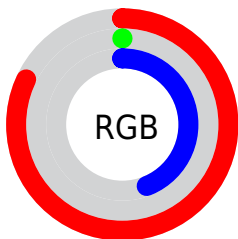
Format	Color
R_{YB}	209, 0, 113
Decimal	13697137
CIE Lab	45.29, 73.50, -1.87
CIE LCh	45, 73.526, 358.541
Yxy	14.7476, 0.4803, 0.2420
Android (android.graphics.Color)	4291887217 (0xFFD10071)
YUV	75.3730, 18.5501, 117.1909
Hunter-Lab	38.4026, 68.8697, 0.7491

Details

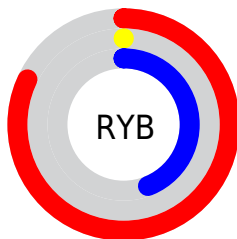
The XYZ color **29.2751, 14.7476, 16.9264** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **24.9142, 46.4463, 18.7288**, and the grayscale version is **6.7159, 7.0657, 7.6945**.

A 20% lighter version of the original color is **51.6039, 31.1214, 38.8845**, and **13.1669, 6.6776, 5.5960** is the 20% darker color. If you saturate the color by 10%, you get **29.2739, 14.7470, 16.9204**, and if you desaturate by 10%, it is **30.1118, 15.5097, 20.0152**.

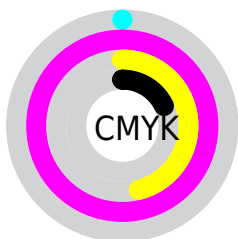
Distribution



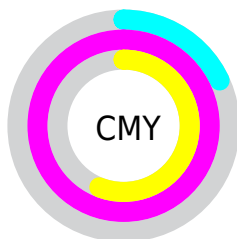
- Red (82%)
- Green (0%)
- Blue (44%)



- Red (82%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (46%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2751, 14.7476, 16.9264 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 29.2751, 14.7476, 16.9264 by changing the saturation by 10% instead.

 29.2751, 14.7476,
16.9264


 29.2751, 14.7476,
16.9264


290.4816,
221.8334, 246.7775


 19.4344, 8.6424,
10.0206


 57.9084, 34.4098,
38.9881


 12.0904, 4.5087,
5.3069


 77.4317, 48.7356,
54.9811


 6.8779, 1.9620,
2.3665


 100.9132, 66.5704,
74.8403

 3.4315, 0.5853,
0.7681

 128.7183, 88.2986,
98.9842

 1.3859, 0.0000,
0.0000

 161.2123,
114.3046, 127.8313

 0.2461, 0.0000,
0.0000

 198.7607,

 0.0000, 0.0000,

144.9728, 161.8002

0.0000

241.7286,
180.6876, 201.3094

■ 29.2751, 14.7476,
16.9264

■ 29.2751, 14.7476,
16.9264

■ 29.2739, 14.7470,
16.9204

■ 30.1118, 15.5097,
20.0152

■ 31.2957, 16.8717,
23.5102

■ 32.9257, 19.0292,
27.4526

■ 35.0563, 22.0885,
31.8681

■ 37.7336, 26.1394,
36.7795

■ 40.9981, 31.2607,
42.2076

■ 44.8864, 37.5233,
48.1714

■ 49.4320, 44.9919,
54.6888

■ 54.6658, 53.7262,
61.7766

Harmonies

Analogous

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



26.5590, 14.7476, 40.6733



29.2751, 14.7476, 16.9264



27.0180, 14.7476, 4.7766

Triad

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



29.2751, 14.7476, 16.9264



9.1357, 14.7476, 0.9431



8.7531, 14.7476, 64.9799

Complementary

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



29.2751, 14.7476, 16.9264



24.9142, 46.4463, 18.7288

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.



6.0444, 14.7476, 37.9875



29.2751, 14.7476, 16.9264



6.2161, 14.7476, 4.1476

Square

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



29.2751, 14.7476, 16.9264



14.3173, 14.7476, 0.3201



5.2703, 14.7476, 15.2191



13.7212, 14.7476, 78.2806

Rectangle

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



29.2751, 14.7476, 16.9264



23.2821, 14.7476, 1.7595



5.2703, 14.7476, 15.2191



7.6082, 14.7476, 56.5555

Sweetspot

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



29.2755, 14.7485, 16.9266



70.1590, 58.4597, 75.1949



16.1328, 6.9880, 60.8198



14.4373, 11.5742, 15.2215



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.



29.2755, 14.7485, 16.9266



45.8163, 23.0905, 26.0287



26.3524, 13.5792, 1.5335



12.0721, 11.9136, 13.6557



18.0998, 9.1128, 10.6977



1.0518, 0.5255, 0.8078

Inverse Universe

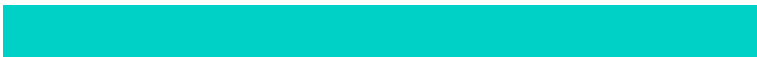
The Inverse Universe completely reimagines the original color for something new.



29.2755, 14.7485, 16.9266



45.8163, 23.0905, 26.0287



33.0577, 49.7037, 61.6118



12.0721, 11.9136, 13.6557



18.0998, 9.1128, 10.6977



1.0518, 0.5255, 0.8078

Previews

White Background



This preview shows how the XYZ color 29.2751, 14.7476, 16.9264 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 29.2751, 14.7476, 16.9264 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 29.2751, 14.7476, 16.9264

Background



This preview shows how black text looks on a background with the XYZ color 29.2751, 14.7476, 16.9264.



This preview shows how white text looks on a background with the XYZ color 29.2751, 14.7476,

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

29.2751, 14.7476, 16.9264

Protanopia

16.2878, 15.5936, 36.8017

Deuteranopia

15.6788, 15.4451, 15.2515



Tritanopia

26.8656, 15.1880, 3.9982

Trichromacy



Original Color

29.2751, 14.7476, 16.9264



Protanomaly

17.0705, 11.3689, 28.0828



Deuteranomaly

17.9874, 11.9459, 15.2677



Tritanomaly

27.2770, 14.5863, 7.1721

Monochromacy



Original Color

29.2751, 14.7476, 16.9264



Achromatopsia

6.6877, 7.0360, 7.6622



Achromatomaly

11.1723, 7.1203, 10.2367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2751, 14.7476, 16.9264 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, 113)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 113) }
```

Border

The CSS property to change the border of an element to XYZ 29.2751, 14.7476, 16.9264 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, 113) }
```


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

```
.border{ border-color:rgb(209, 0, 113) }
```

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, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 113);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2751, 14.7476, 16.9264 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, 113) }
```

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

```
.background{ background-color: rgb(209, 0,  
113) }
```

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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