

Converting Colors

XYZ(30.0384, 14.8920, 28.2143)

Have a look what the booklet for
XYZ(30.0384, 14.8920, 28.2143)
contains.

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Color

**XYZ(30.0127, 14.8817,
28.0787)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0091
RGB	204, 0, 145
RGB Percent	80%, 0%, 57%
CMY	0.2000, 0.9999, 0.4314
CMYK	0.00, 1.00, 0.29, 0.20
HSL	317°, 100%, 40%
HSV	317°, 100%, 80%
XYZ	30.0127, 14.8817, 28.0787
YIQ	77.5260, 75.0390, 88.3430

Conversions

Conversions Part 2

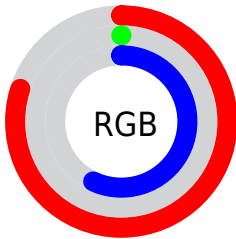
Format	Color
RYB	204, 0, 145
Decimal	13369489
CIELab	45.47, 75.52, -21.32
CIELCh	45, 78.467, 344.237
Yxy	14.8817, 0.4113, 0.2039
Android (android.graphics.Color)	4291559569 (0xFFCC0091)
YUV	77.5260, 33.2647, 110.9177
Hunter-Lab	38.5768, 71.3633, -16.1513

Details

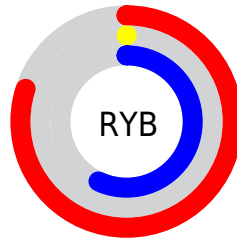
The XYZ color **30.0127, 14.8817, 28.0787** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **22.3837, 43.5022, 11.3594**, and the grayscale version is **7.0858, 7.4548, 8.1183**.

A 20% lighter version of the original color is **55.2050, 32.6959, 57.4341**, and **13.5220, 6.7374, 11.1774** is the 20% darker color. If you saturate the color by 10%, you get **30.0120, 14.8815, 28.0747**, and if you desaturate by 10%, it is **30.7377, 15.5844, 30.6242**.

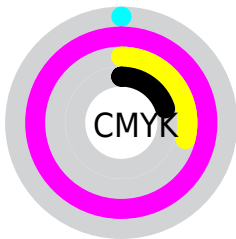
Distribution



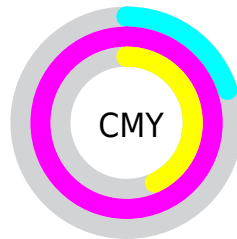
- Red (80%)
- Green (0%)
- Blue (57%)



- Red (80%)
- Yellow (0%)
- Blue (57%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0127, 14.8817, 28.0787 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 30.0127, 14.8817, 28.0787 by changing the saturation by 10% instead.

 30.0127, 14.8817,
28.0787


 30.0127, 14.8817,
28.0787


293.8724,
222.6491, 306.7665


 19.9963, 8.7364,
18.1454


 59.0688, 34.6455,
57.6347


 12.5006, 4.5696,
10.8839


 78.8392, 49.0328,
78.0945


 7.1602, 1.9970,
5.8757


 102.5916, 66.9362,
102.9002

 3.6097, 0.6058,
2.7021

 130.6915, 88.7402,
132.4704

 1.4838, 0.0000,
0.9445

 163.5042,
114.8291, 167.2236

 0.3148, 0.0000,
0.0000

 201.3950,

 0.0000, 0.0000,

145.5872, 207.5783

0.0000

244.7293,
181.3991, 253.9531

■ 30.0127, 14.8817,
28.0787

■ 30.0127, 14.8817,
28.0787

■ 30.0120, 14.8815,
28.0747

■ 30.7377, 15.5844,
30.6242

■ 31.7581, 16.8395,
33.3864

■ 33.1675, 18.8338,
36.3983

■ 35.0161, 21.6668,
39.6782

■ 37.3461, 25.4228,
43.2419

■ 40.1947, 30.1754,
47.1033

■ 43.5953, 35.9911,
51.2751

■ 47.5784, 42.9304,
55.7690

■ 52.1724, 51.0492,
60.5960

Harmonies

Analogous

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



24.8472, 14.8817, 58.0841



30.0127, 14.8817, 28.0787



30.1560, 14.8817, 8.8665

Triad

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



30.0127, 14.8817, 28.0787



11.2737, 14.8817, 0.1638



6.9164, 14.8817, 56.5109

Complementary

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



30.0127, 14.8817, 28.0787



22.3837, 43.5022, 11.3594

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.



5.1260, 14.8817, 26.7639



30.0127, 14.8817, 28.0787



7.0644, 14.8817, 1.6776

Square

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



30.0127, 14.8817, 28.0787



17.8404, 14.8817, 0.2016



5.1701, 14.8817, 8.2613



10.9981, 14.8817, 81.3792

Rectangle

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



30.0127, 14.8817, 28.0787



27.2845, 14.8817, 3.2185



5.1701, 14.8817, 8.2613



6.0916, 14.8817, 46.0569

Sweetspot

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



30.0132, 14.8825, 28.0789



71.9497, 59.1760, 84.6244



12.6343, 5.2547, 57.4753



14.8642, 11.7449, 17.4697



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.



30.0132, 14.8825, 28.0789



49.6049, 24.6060, 45.9789



25.3612, 13.0217, 3.5821



11.5438, 11.3463, 13.3984



18.9319, 9.3834, 17.8920



1.0086, 0.4968, 1.0909

Inverse Universe

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



30.0132, 14.8825, 28.0789



49.6049, 24.6060, 45.9789



27.9217, 45.7175, 40.5223



11.5438, 11.3463, 13.3984



18.9319, 9.3834, 17.8920



1.0086, 0.4968, 1.0909

Previews

White Background



This preview shows how the XYZ color 30.0127, 14.8817, 28.0787 looks on a white background.

Color Contrast Check

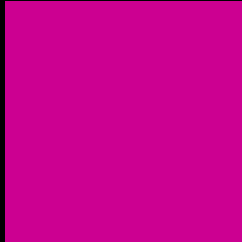
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0127, 14.8817, 28.0787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

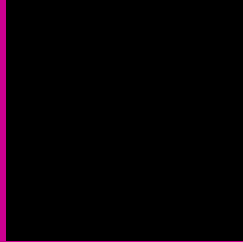
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.0127, 14.8817, 28.0787

Background



This preview shows how black text looks on a background with the XYZ color 30.0127, 14.8817, 28.0787.



This preview shows how white text looks on a background with the XYZ color 30.0127, 14.8817,

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

30.0127, 14.8817, 28.0787

Protanopia

18.1511, 15.8611, 61.1363

Deuteranopia

15.6943, 15.3905, 25.0651



Tritanopia

25.5674, 15.2583, 5.8726

Trichromacy



Original Color

30.0127, 14.8817, 28.0787



Protanomaly

17.1493, 10.9099, 46.5494



Deuteranomaly

17.8827, 11.7491, 25.7514



Tritanomaly

26.3386, 14.2964, 11.2688

Monochromacy



Original Color

30.0127, 14.8817, 28.0787



Achromatopsia

7.2414, 7.6185, 8.2966



Achromatomaly

11.8511, 7.5256, 13.3983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0127, 14.8817, 28.0787 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(204, 0, 145)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 145)  
}
```

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(204, 0, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 145) }
```

Border

The CSS property to change the border of an element to XYZ 30.0127, 14.8817, 28.0787 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(204, 0, 145) }
```


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

```
.border{ border-color:rgb(204, 0, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 145);  
box-shadow:4px 4px 4px 4px rgb(204, 0,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0127, 14.8817, 28.0787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 145) }
```

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

```
.background{ background-color: rgb(204, 0,  
145) }
```

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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