

Converting Colors

XYZ(31.0769, 16.7906, 16.1156)

Have a look what the booklet for
XYZ(31.0769, 16.7906, 16.1156)
contains.

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Color

**XYZ(30.9264, 16.7013,
16.0617)**

Conversions

Conversions Part 1

Format	Color
Hex	D5276D
RGB	213, 39, 109
RGB Percent	84%, 15%, 43%
CMY	0.1647, 0.8470, 0.5725
CMYK	0.00, 0.82, 0.49, 0.16
HSL	336°, 69%, 49%
HSV	336°, 82%, 84%
XYZ	30.9264, 16.7013, 16.0617
YIQ	99.0060, 81.2340, 58.6580

Conversions

Conversions Part 2

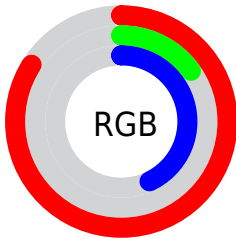
Format	Color
R_{YB}	213, 39, 109
Decimal	13969261
CIE _{Lab}	47.88, 68.55, 4.47
CIE _{LCh}	48, 68.695, 3.727
Yxy	16.7013, 0.4856, 0.2622
Android (android.graphics.Color)	4292159341 (0xFFD5276D)
YUV	99.0060, 4.9270, 99.9727
Hunter-Lab	40.8672, 63.5628, 5.3048

Details

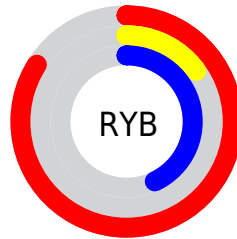
The XYZ color **30.9264, 16.7013, 16.0617** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **29.5905, 50.0036, 34.0845**, and the grayscale version is **11.8367, 12.4531, 13.5614**.

A 20% lighter version of the original color is **52.5355, 33.6987, 36.9933**, and **13.8184, 7.0232, 5.1847** is the 20% darker color. If you saturate the color by 10%, you get **29.7759, 15.4190, 12.5380**, and if you desaturate by 10%, it is **32.5692, 18.8095, 20.2396**.

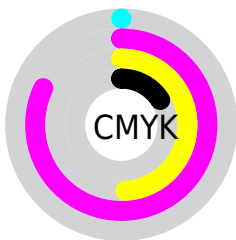
Distribution



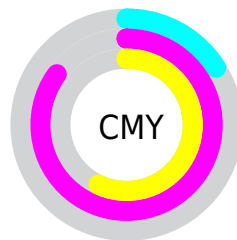
- Red (84%)
- Green (15%)
- Blue (43%)



- Red (84%)
- Yellow (15%)
- Blue (43%)



- Cyan (0%)
- Magenta (82%)
- Yellow (49%)
- Black (16%)





- Cyan (16%)
- Magenta (85%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9264, 16.7013, 16.0617 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 30.9264, 16.7013, 16.0617 by changing the saturation by 10% instead.


 30.9264, 16.7013,
16.0617


 30.9264, 16.7013,
16.0617


298.0320,
233.4451, 241.5636


 20.6944, 10.0218,
9.4130


 60.5008, 37.8115,
37.4736


 13.0120, 5.4134,
4.9111


 80.5739, 53.0109,
53.0738


 7.5138, 2.4918,
2.1373


 104.6580, 71.8191,
72.4950

 3.8346, 0.8725,
0.6379

 133.1186, 94.6204,
96.1556

 1.6090, 0.0000,
0.0000

 166.3209,
121.7993, 124.4743

 0.3983, 0.0000,
0.0000

 204.6303,

 0.0000, 0.0000,

153.7401, 157.8695

0.0000

248.4123,
190.8273, 196.7597

■ 30.9264, 16.7013,
16.0617

■ 30.9264, 16.7013,
16.0617

■ 29.7759, 15.4190,
12.5380

■ 32.5692, 18.8095,
20.2396

■ 29.1073, 14.8128,
10.0615

■ 34.7644, 21.8570,
25.1111

■ 37.5642, 25.9425,
30.7123

■ 41.0141, 31.1510,
37.0761

■ 45.1548, 37.5587,
44.2329

■ 50.0239, 45.2352,
52.2114

■ 55.6558, 54.2447,
61.0386

■ 62.0829, 64.6470,
70.7401

■ 69.3356, 76.4981,
81.3404

Harmonies

Analogous

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



29.0887, 16.7013, 37.7877



30.9264, 16.7013, 16.0617



27.9475, 16.7013, 5.0797

Triad

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



30.9264, 16.7013, 16.0617



10.1490, 16.7013, 2.0271



11.1744, 16.7013, 68.9410

Complementary

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



30.9264, 16.7013, 16.0617



29.5905, 50.0036, 34.0845

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.



7.9013, 16.7013, 44.3750



30.9264, 16.7013, 16.0617



7.4261, 16.7013, 6.8988

Square

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



30.9264, 16.7013, 16.0617



15.1143, 16.7013, 0.9791



6.7249, 16.7013, 20.4874



16.6589, 16.7013, 77.6559

Rectangle

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



30.9264, 16.7013, 16.0617



23.9919, 16.7013, 2.2347



6.7249, 16.7013, 20.4874



9.8314, 16.7013, 61.7227

Sweetspot

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



30.9268, 16.7023, 16.0620



72.4359, 63.6349, 74.0380



23.6369, 11.8757, 63.9970



14.9514, 12.7494, 14.9396



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.



30.9268, 16.7023, 16.0620



43.8773, 22.4035, 15.5446



29.1036, 16.8860, 3.6462



12.6282, 12.5028, 13.9822



17.8276, 9.0673, 6.3960



1.1156, 0.5630, 0.5983

Inverse Universe

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



30.9268, 16.7023, 16.0620



43.8773, 22.4035, 15.5446



33.1563, 45.8533, 70.0536



12.6282, 12.5028, 13.9822



17.8276, 9.0673, 6.3960



1.1156, 0.5630, 0.5983

Previews

White Background



This preview shows how the XYZ color 30.9264, 16.7013, 16.0617 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 30.9264, 16.7013, 16.0617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

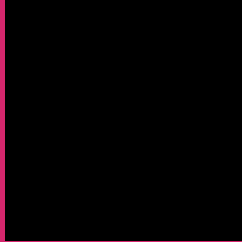
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.9264, 16.7013, 16.0617

Background



This preview shows how black text looks on a background with the XYZ color 30.9264, 16.7013, 16.0617.



This preview shows how white text looks on a background with the XYZ color 30.9264, 16.7013,

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

30.9264, 16.7013, 16.0617

Protanopia

17.2358, 17.0155, 31.2301

Deuteranopia

17.1308, 16.8373, 14.6589



Tritanopia

28.6830, 16.7294, 5.5882

Trichromacy



Original Color

30.9264, 16.7013, 16.0617

Protanomaly

19.2026, 14.3341, 24.6763

Deuteranomaly

20.1662, 14.8137, 14.8932

Tritanomaly

29.2668, 16.5673, 8.4928

Monochromacy



Original Color

30.9264, 16.7013, 16.0617

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

15.9173, 11.8625, 14.2827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9264, 16.7013, 16.0617 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(213, 39, 109)` looks like.

```
.text, #text, p{  
    color:rgb(213, 39, 109)  
}
```

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(213, 39, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 39, 109) }
```

Border

The CSS property to change the border of an element to XYZ 30.9264, 16.7013, 16.0617 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(213, 39, 109) }
```


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

```
.border{ border-color:rgb(213, 39, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 39, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 39, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 39, 109);  
box-shadow:4px 4px 4px 4px rgb(213, 39,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9264, 16.7013, 16.0617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 39, 109) }
```

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

```
.background{ background-color: rgb(213, 39,  
109) }
```

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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