

Converting Colors

XYZ(30.1349, 16.9395, 17.1286)

Have a look what the booklet for
XYZ(30.1349, 16.9395, 17.1286)
contains.

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Color

**XYZ(30.1209, 16.9474,
17.0129)**

Conversions

Conversions Part 1

Format	Color
Hex	D03370
RGB	208, 51, 112
RGB Percent	82%, 20%, 44%
CMY	0.1843, 0.8000, 0.5608
CMYK	0.00, 0.75, 0.46, 0.18
HSL	337°, 63%, 51%
HSV	337°, 75%, 82%
XYZ	30.1209, 16.9474, 17.0129
YIQ	104.8970, 73.9910, 52.2550

Conversions

Conversions Part 2

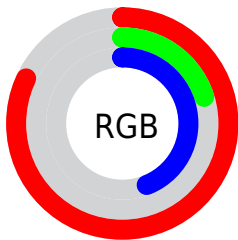
Format	Color
R_{YB}	208, 51, 112
Decimal	13644656
CIE _{Lab}	48.19, 64.19, 2.96
CIE _{LCh}	48, 64.260, 2.638
Yxy	16.9474, 0.4700, 0.2645
Android (android.graphics.Color)	4291834736 (0xFFD03370)
YUV	104.8970, 3.5018, 90.4213
Hunter-Lab	41.1672, 58.5608, 4.3147

Details

The XYZ color **30.1209, 16.9474, 17.0129** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **29.1889, 47.9227, 35.3196**, and the grayscale version is **13.3775, 14.0741, 15.3267**.

A 20% lighter version of the original color is **53.5353, 35.2732, 38.6371**, and **13.1669, 6.6776, 5.5960** is the 20% darker color. If you saturate the color by 10%, you get **28.7476, 15.2554, 13.3044**, and if you desaturate by 10%, it is **32.0013, 19.4937, 21.3843**.

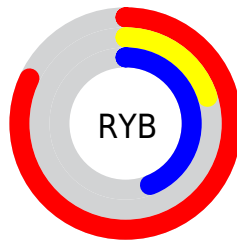
Distribution



Red (82%)

Green (20%)

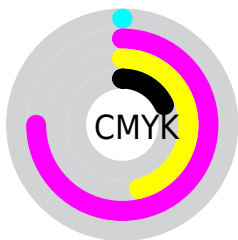
Blue (44%)



Red (82%)

Yellow (20%)

Blue (44%)

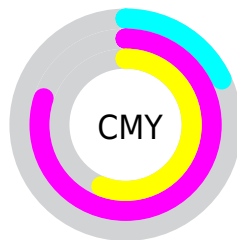


Cyan (0%)

Magenta (75%)

Yellow (46%)

Black (18%)



Cyan (18%)


Magenta (80%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1209, 16.9474, 17.0129 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 30.1209, 16.9474, 17.0129 by changing the saturation by 10% instead.


 30.1209, 16.9474,
17.0129


 30.1209, 16.9474,
17.0129


294.3673,
234.8691, 247.2932


 20.0789, 10.1970,
10.0816


 59.2386, 38.2353,
39.1389


 12.5610, 5.5298,
5.3468


 79.0451, 53.5416,
55.1707


 7.2019, 2.5613,
2.3899


 102.8371, 72.4687,
75.0732

 3.6361, 0.9073,
0.7809

 130.9799, 95.4009,
99.2647

 1.4984, 0.0000,
0.0000

 163.8390,
122.7226, 128.1640

 0.3247, 0.0000,
0.0000

201.7797,

 0.0000, 0.0000,

154.8183, 162.1894

0.0000

245.1674,
192.0723, 201.7596

■ 30.1209, 16.9474,
17.0129

■ 30.1209, 16.9474,
17.0129

■ 28.7476, 15.2554,
13.3044

■ 32.0013, 19.4937,
21.3843

■ 27.8170, 14.2952,
10.2164

■ 34.4396, 22.9892,
26.4546

■ 27.4904, 14.0011,
9.0003

■ 37.4813, 27.5192,
32.2573

■ 41.1666, 33.1584,
38.8234

■ 45.5322, 39.9749,
46.1816

■ 50.6119, 48.0310,
54.3592

■ 56.4372, 57.3846,
63.3820

■ 63.0376, 68.0902,
73.2745

■ 70.4410, 80.1989,
84.0603

Harmonies

Analogous

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



28.2723, 16.9474, 37.5183



30.1209, 16.9474, 17.0129



27.5275, 16.9474, 5.9797

Triad

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



30.1209, 16.9474, 17.0129



10.7817, 16.9474, 2.4633



11.4808, 16.9474, 64.2471

Complementary

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



30.1209, 16.9474, 17.0129



29.1889, 47.9227, 35.3196

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.



8.3851, 16.9474, 41.7819



30.1209, 16.9474, 17.0129



8.0553, 16.9474, 7.2717

Square

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



30.1209, 16.9474, 17.0129



15.5970, 16.9474, 1.3673



7.2968, 16.9474, 19.9718



16.6300, 16.9474, 72.7819

Rectangle

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



30.1209, 16.9474, 17.0129



23.9235, 16.9474, 2.8820



7.2968, 16.9474, 19.9718



10.2122, 16.9474, 57.6014

Sweetspot

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



30.1214, 16.9484, 17.0132



73.8630, 66.0195, 75.9613



24.2826, 12.9610, 60.8963



15.2212, 13.2039, 15.2920



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.



30.1214, 16.9484, 17.0132



44.5317, 23.0653, 17.7574



28.6001, 17.6289, 5.0286



11.9961, 11.8832, 13.2555



17.1777, 8.7439, 5.8419



0.9989, 0.5043, 0.5291

Inverse Universe

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



30.1214, 16.9484, 17.0132



44.5317, 23.0653, 17.7574



31.6667, 43.0897, 66.3226



11.9961, 11.8832, 13.2555



17.1777, 8.7439, 5.8419



0.9989, 0.5043, 0.5291

Previews

White Background



This preview shows how the XYZ color 30.1209, 16.9474, 17.0129 looks on a white background.

Color Contrast Check

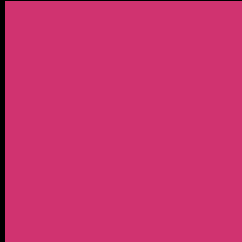
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1209, 16.9474, 17.0129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

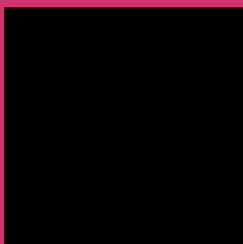
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.1209, 16.9474, 17.0129

Background



This preview shows how black text looks on a background with the XYZ color 30.1209, 16.9474, 17.0129.



This preview shows how white text looks on a background with the XYZ color 30.1209, 16.9474,

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

30.1209, 16.9474, 17.0129

Protanopia

17.3860, 17.2687, 30.8506

Deuteranopia

17.3891, 17.1142, 15.4836



Tritanopia

27.9377, 16.9275, 6.9491

Trichromacy



Original Color

30.1209, 16.9474, 17.0129

Protanomaly

19.5127, 15.0994, 25.1786

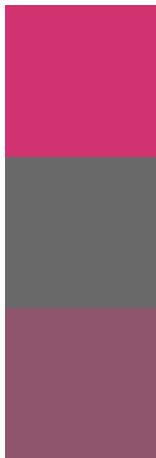
Deuteranomaly

20.3268, 15.4754, 15.8256

Tritanomaly

28.5789, 16.8743, 9.9344

Monochromacy



Original Color

30.1209, 16.9474, 17.0129

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

17.1106, 13.3305, 15.8586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1209, 16.9474, 17.0129 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(208, 51, 112)` looks like.

```
.text, #text, p{  
    color:rgb(208, 51, 112)  
}
```

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(208, 51, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 51, 112) }
```

Border

The CSS property to change the border of an element to XYZ 30.1209, 16.9474, 17.0129 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(208, 51, 112) }
```


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

```
.border{ border-color:rgb(208, 51, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 51, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 51, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 51, 112);  
box-shadow:4px 4px 4px 4px rgb(208, 51,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1209, 16.9474, 17.0129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 51, 112) }
```

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

```
.background{ background-color: rgb(208, 51,  
112) }
```

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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