

Converting Colors

XYZ(30.9933, 16.7184, 28.7884)

Have a look what the booklet for
XYZ(30.9933, 16.7184, 28.7884)
contains.

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Color

**XYZ(30.9908, 16.7141,
28.7869)**

Conversions

Conversions Part 1

Format	Color
Hex	CC2C92
RGB	204, 44, 146
RGB Percent	80%, 17%, 57%
CMY	0.2000, 0.8274, 0.4274
CMYK	0.00, 0.78, 0.28, 0.20
HSL	322°, 65%, 49%
HSV	322°, 78%, 80%
XYZ	30.9908, 16.7141, 28.7869
YIQ	103.4680, 62.6180, 65.6420

Conversions

Conversions Part 2

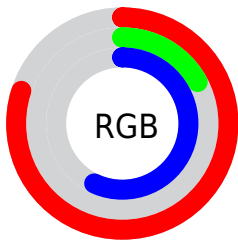
Format	Color
R_{YB}	204, 44, 146
Decimal	13380754
CIE _{Lab}	47.90, 68.72, -18.19
CIE _{LCh}	48, 71.086, 345.170
Yxy	16.7141, 0.4052, 0.2185
Android (android.graphics.Color)	4291570834 (0xFFCC2C92)
YUV	103.4680, 20.9683, 88.1666
Hunter-Lab	40.8829, 63.7648, -13.1299

Details

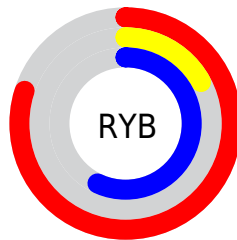
The XYZ color **30.9908, 16.7141, 28.7869** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **25.0310, 44.6810, 19.8785**, and the grayscale version is **12.9521, 13.6267, 14.8394**.

A 20% lighter version of the original color is **56.9230, 35.9455, 58.5816**, and **13.7426, 6.8460, 11.4236** is the 20% darker color. If you saturate the color by 10%, you get **29.8519, 15.3273, 25.6601**, and if you desaturate by 10%, it is **32.5411, 18.8639, 32.2347**.

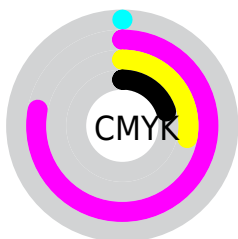
Distribution



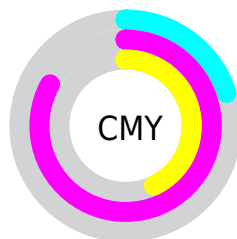
- Red (80%)
- Green (17%)
- Blue (57%)



- Red (80%)
- Yellow (17%)
- Blue (57%)



- Cyan (0%)
- Magenta (78%)
- Yellow (28%)
- Black (20%)





- Cyan (20%)
- Magenta (83%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9908, 16.7141, 28.7869 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 30.9908, 16.7141, 28.7869 by changing the saturation by 10% instead.

 30.9908, 16.7141,
28.7869


 30.9908, 16.7141,
28.7869

298.3236,
233.5194, 310.2376

 20.7436, 10.0309,
18.6755


 60.6015, 37.8336,
58.7765


 13.0481, 5.4194,
11.2616


 80.6958, 53.0386,
79.4917


 7.5389, 2.4954,
6.1267


 104.8032, 71.8530,
104.5787

 3.8507, 0.8743,
2.8522

 133.2889, 94.6611,
134.4558

 1.6180, 0.0000,
1.0197

 166.5185,
121.8474, 169.5417

 0.4041, 0.0000,
0.0000

204.8573,

 0.0000, 0.0000,

153.7963, 210.2550

0.0000

248.6705,
190.8922, 257.0141

■ 30.9908, 16.7141,
28.7869

■ 30.9908, 16.7141,
28.7869

■ 29.8519, 15.3273,
25.6601

■ 32.5411, 18.8639,
32.2347

■ 29.0476, 14.5515,
22.8249

■ 34.5502, 21.8707,
36.0223

■ 28.9341, 14.4503,
22.3990

■ 37.0604, 25.8180,
40.1673

■ 40.1084, 30.7782,
44.6849

■ 43.7276, 36.8169,
49.5894

■ 47.9483, 43.9940,
54.8941

■ 52.7988, 52.3650,
60.6112

■ 58.3055, 61.9817,
66.7525

■ 64.4932, 72.8929,
73.3290

Harmonies

Analogous

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



26.3042, 16.7141, 56.0465



30.9908, 16.7141, 28.7869



30.9614, 16.7141, 10.4492

Triad

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



30.9908, 16.7141, 28.7869



12.8799, 16.7141, 0.9770



8.6964, 16.7141, 56.3596

Complementary

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



30.9908, 16.7141, 28.7869



25.0310, 44.6810, 19.8785

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.



6.7260, 16.7141, 29.0615



30.9908, 16.7141, 28.7869



8.6620, 16.7141, 2.9475

Square

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



30.9908, 16.7141, 28.7869



19.2473, 16.7141, 0.9693



6.7154, 16.7141, 10.5891



12.9412, 16.7141, 77.9122

Rectangle

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



30.9908, 16.7141, 28.7869



28.2122, 16.7141, 4.5146



6.7154, 16.7141, 10.5891



7.8033, 16.7141, 46.9664

Sweetspot

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



30.9913, 16.7150, 28.7872



75.1686, 65.6271, 85.6566



17.0566, 8.8717, 57.9402



15.5704, 13.1688, 17.6693



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.



30.9913, 16.7150, 28.7872



48.4925, 24.4412, 39.2577



26.8467, 15.0571, 6.9619



11.5082, 11.3320, 13.2110



18.2575, 9.1136, 14.3404



0.9775, 0.4844, 0.9272

Inverse Universe

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



30.9913, 16.7150, 28.7872



48.4925, 24.4412, 39.2577



30.8705, 47.0168, 50.6291



11.5082, 11.3320, 13.2110



18.2575, 9.1136, 14.3404



0.9775, 0.4844, 0.9272

Previews

White Background



This preview shows how the XYZ color 30.9908, 16.7141, 28.7869 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 30.9908, 16.7141, 28.7869 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 30.9908, 16.7141, 28.7869

Background



This preview shows how black text looks on a background with the XYZ color 30.9908, 16.7141, 28.7869.



This preview shows how white text looks on a background with the XYZ color 30.9908, 16.7141,

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

30.9908, 16.7141, 28.7869

Protanopia

18.8999, 17.1936, 54.5471

Deuteranopia

17.2490, 16.9719, 26.0337



Tritanopia

26.5865, 16.7299, 7.9588

Trichromacy



Original Color

30.9908, 16.7141, 28.7869



Protanomaly

19.7563, 14.3158, 43.8414



Deuteranomaly

20.1744, 14.9129, 26.6261



Tritanomaly

27.6874, 16.4119, 13.5129

Monochromacy



Original Color

30.9908, 16.7141, 28.7869



Achromatopsia

12.8919, 13.5633, 14.7705



Achromatomaly

17.1623, 12.9419, 19.0463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9908, 16.7141, 28.7869 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, 44, 146)` looks like.

```
.text, #text, p{  
    color:rgb(204, 44, 146)  
}
```

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, 44, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 44, 146) }
```

Border

The CSS property to change the border of an element to XYZ 30.9908, 16.7141, 28.7869 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, 44, 146) }
```


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

```
.border{ border-color:rgb(204, 44, 146) }
```

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

Here you see how a box with a 4 pixel rgb(204, 44, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 44, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 44, 146);  
box-shadow:4px 4px 4px 4px rgb(204, 44,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9908, 16.7141, 28.7869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 44, 146) }
```

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

```
.background{ background-color: rgb(204, 44,  
146) }
```

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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