

Converting Colors

XYZ(28.5421, 14.0783, 30.0570)

Have a look what the booklet for
XYZ(28.5421, 14.0783, 30.0570)
contains.

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Color

**XYZ(28.5310, 14.0723,
30.0666)**

Conversions

Conversions Part 1

Format	Color
Hex	C50096
RGB	197, 0, 150
RGB Percent	77%, 0%, 59%
CMY	0.2274, 0.9999, 0.4118
CMYK	0.00, 1.00, 0.24, 0.23
HSL	314°, 100%, 39%
HSV	314°, 100%, 77%
XYZ	28.5310, 14.0723, 30.0666
YIQ	76.0030, 69.2620, 88.4140

Conversions

Conversions Part 2

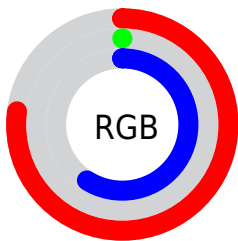
Format	Color
R_{YB}	197, 0, 150
Decimal	12910742
CIE _{Lab}	44.34, 74.71, -26.21
CIE _{LCh}	44, 79.176, 340.669
Yxy	14.0723, 0.3926, 0.1936
Android (android.graphics.Color)	4291100822 (0xFFC50096)
YUV	76.0030, 36.4805, 106.1144
Hunter-Lab	37.5131, 70.1124, -21.2616

Details

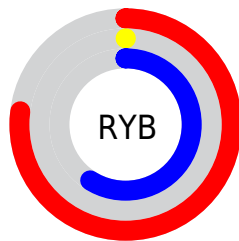
The XYZ color **28.5310, 14.0723, 30.0666** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **20.4805, 40.1384, 9.3606**, and the grayscale version is **6.7996, 7.1537, 7.7904**.

A 20% lighter version of the original color is **55.6288, 32.5991, 60.4870**, and **12.7334, 6.3041, 12.3501** is the 20% darker color. If you saturate the color by 10%, you get **28.5306, 14.0722, 30.0637**, and if you desaturate by 10%, it is **29.1628, 14.7177, 32.1826**.

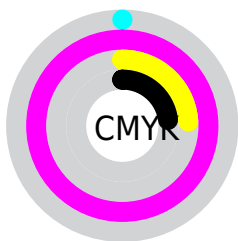
Distribution



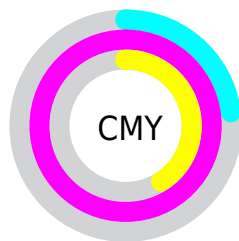
- Red (77%)
- Green (0%)
- Blue (59%)



- Red (77%)
- Yellow (0%)
- Blue (59%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (23%)





- Cyan (23%)
- Magenta (100%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5310, 14.0723, 30.0666 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 28.5310, 14.0723, 30.0666 by changing the saturation by 10% instead.

 28.5310, 14.0723,
30.0666


 28.5310, 14.0723,
30.0666


287.0299,
217.6801, 316.4317


 18.8688, 8.1710,
19.6367


 56.7338, 33.2173,
60.8297


 11.6790, 4.2045,
11.9498


 76.0052, 47.2297,
82.0000

 6.5961, 1.7886,
6.5874


 99.2103, 64.7146,
107.5875

 3.2549, 0.4801,
3.1309

 126.7146, 86.0564,
138.0107

 1.2899, 0.0000,
1.1619

 158.8833,
111.6394, 173.6882

 0.1757, 0.0000,
0.0000

 196.0818,

 0.0000, 0.0000,

141.8481, 215.0385

0.0000

238.6756,
177.0669, 262.4802

■ 28.5310, 14.0723,
30.0666

■ 28.5310, 14.0723,
30.0666

■ 28.5306, 14.0722,
30.0637

■ 29.1628, 14.7177,
32.1826

■ 30.0588, 15.8670,
34.4623

■ 31.3069, 17.6957,
36.9360

■ 32.9528, 20.2950,
39.6198

■ 35.0352, 23.7419,
42.5274

■ 37.5881, 28.1041,
45.6708

■ 40.6420, 33.4422,
49.0611

■ 44.2247, 39.8120,
52.7082

■ 48.3620, 47.2646,
56.6217

Harmonies

Analogous

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



23.0200, 14.0723, 60.1253



28.5310, 14.0723, 30.0666



29.3297, 14.0723, 9.7153

Triad

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



28.5310, 14.0723, 30.0666



11.2389, 14.0723, 0.0000



6.0845, 14.0723, 51.2996

Complementary

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



28.5310, 14.0723, 30.0666



20.4805, 40.1384, 9.3606

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.



4.6039, 14.0723, 22.7545



28.5310, 14.0723, 30.0666



6.8894, 14.0723, 1.1573

Square

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



28.5310, 14.0723, 30.0666



17.8404, 14.0723, 0.1210



4.8425, 14.0723, 6.4139



9.7253, 14.0723, 77.7206

Rectangle

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



28.5310, 14.0723, 30.0666



26.8742, 14.0723, 3.5085



4.8425, 14.0723, 6.4139



5.3793, 14.0723, 40.9915

Sweetspot

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



28.5315, 14.0731, 30.0668



72.5090, 59.3997, 87.5699



11.2047, 4.6125, 53.1234



14.9986, 11.7987, 18.1773



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.



28.5315, 14.0731, 30.0668



50.9948, 25.1619, 53.2981



23.6588, 12.1240, 4.4080



10.9707, 10.7717, 12.8290



18.7997, 9.2694, 19.9527



0.9171, 0.4497, 1.0864

Inverse Universe

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



28.5315, 14.0731, 30.0668



50.9948, 25.1619, 53.2981



25.0372, 41.9611, 33.3560



10.9707, 10.7717, 12.8290



18.7997, 9.2694, 19.9527



0.9171, 0.4497, 1.0864

Previews

White Background



This preview shows how the XYZ color 28.5310, 14.0723, 30.0666 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 28.5310, 14.0723, 30.0666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

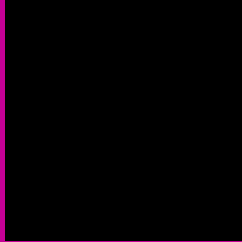
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.5310, 14.0723, 30.0666

Background



This preview shows how black text looks on a background with the XYZ color 28.5310, 14.0723, 30.0666.



This preview shows how white text looks on a background with the XYZ color 28.5310, 14.0723,

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

28.5310, 14.0723, 30.0666

Protanopia

17.5536, 14.8619, 64.8943

Deuteranopia

14.9308, 14.6492, 26.8516



Tritanopia

23.6687, 14.4229, 6.0938

Trichromacy



Original Color

28.5310, 14.0723, 30.0666



Protanomaly

15.8586, 9.9938, 49.8084



Deuteranomaly

17.0329, 11.1788, 27.6456



Tritanomaly

24.7058, 13.5318, 11.8994

Monochromacy



Original Color

28.5310, 14.0723, 30.0666



Achromatopsia

6.8694, 7.2272, 7.8704



Achromatomaly

11.2509, 7.0862, 13.6068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5310, 14.0723, 30.0666 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(197, 0, 150)` looks like.

```
.text, #text, p{  
    color:rgb(197, 0, 150)  
}
```

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(197, 0, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 0, 150) }
```

Border

The CSS property to change the border of an element to XYZ 28.5310, 14.0723, 30.0666 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(197, 0, 150) }
```


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

```
.border{ border-color:rgb(197, 0, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 0, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 0, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 0, 150);  
box-shadow:4px 4px 4px 4px rgb(197, 0,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5310, 14.0723, 30.0666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 0, 150) }
```

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

```
.background{ background-color: rgb(197, 0,  
150) }
```

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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