

Converting Colors

XYZ(28.9525, 14.3775, 26.1143)

Have a look what the booklet for
XYZ(28.9525, 14.3775, 26.1143)
contains.

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Color

**XYZ(28.8210, 14.3110,
26.0542)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C9008C |
| RGB | 201, 0, 140 |
| RGB Percent | 79%, 0%, 55% |
| CMY | 0.2118, 0.9999, 0.4510 |
| CMYK | 0.00, 1.00, 0.30, 0.21 |
| HSL | 318°, 100%, 39% |
| HSV | 318°, 100%, 79% |
| XYZ | 28.8210, 14.3110, 26.0542 |
| YIQ | 76.0590, 74.8560, 86.1520 |

Conversions

Conversions Part 2

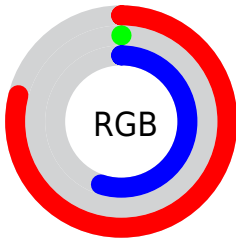
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 201, 0, 140 |
| Decimal | 13172876 |
| CIE _{Lab} | 44.68, 74.38, -19.55 |
| CIE _{LCh} | 45, 76.907, 345.272 |
| Yxy | 14.3110, 0.4166, 0.2068 |
| Android (android.graphics.Color) | 4291362956 (0xFFC9008C) |
| YUV | 76.0590, 31.5229, 109.5733 |
| Hunter-Lab | 37.8299, 69.7894, -14.3533 |

Details

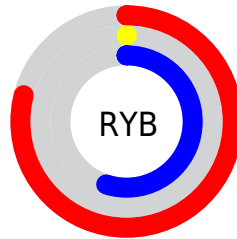
The XYZ color **28.8210, 14.3110, 26.0542** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **21.7304, 42.1109, 11.4031**, and the grayscale version is **6.8187, 7.1738, 7.8123**.

A 20% lighter version of the original color is **54.5500, 32.2998, 54.3983**, and **13.0008, 6.4890, 10.2401** is the 20% darker color. If you saturate the color by 10%, you get **28.8202, 14.3106, 26.0498**, and if you desaturate by 10%, it is **29.5362, 15.0012, 28.5743**.

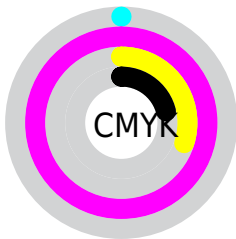
Distribution



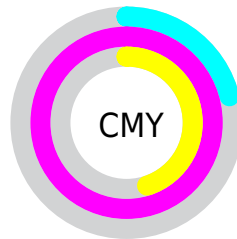
- Red (79%)
- Green (0%)
- Blue (55%)



- Red (79%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (21%)





- Cyan (21%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.8210, 14.3110, 26.0542 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 28.8210, 14.3110, 26.0542 by changing the saturation by 10% instead.

 28.8210, 14.3110,
26.0542


 28.8210, 14.3110,
26.0542


288.3789,
219.1571, 296.6620


 19.0891, 8.3373,
16.6381


 57.1921, 33.6398,
54.3475

 11.8390, 4.3115,
9.8176


 76.5620, 47.7638,
74.0618


 6.7056, 1.8493,
5.1741


 99.8752, 65.3732,
98.0459

 3.3233, 0.5176,
2.2893

 127.4971, 86.8526,
126.7183

 1.3270, 0.0000,
0.7252

 159.7931,
112.5862, 160.4975

 0.2033, 0.0000,
0.0000

 197.1285,

 0.0000, 0.0000,

142.9586, 199.8022

0.0000

239.8686,
178.3541, 245.0509

■ 28.8210, 14.3110,
26.0542

■ 28.8210, 14.3110,
26.0542

■ 28.8202, 14.3106,
26.0498

■ 29.5362, 15.0012,
28.5743

■ 30.5383, 16.2248,
31.3150

■ 31.9188, 18.1639,
34.3086

■ 33.7257, 20.9142,
37.5732

■ 36.0000, 24.5569,
41.1242

■ 38.7776, 29.1631,
44.9752

■ 42.0906, 34.7969,
49.1387

■ 45.9686, 41.5165,
53.6263

■ 50.4389, 49.3762,
58.4488

Harmonies

Analogous

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



24.0324, 14.3110, 54.4377



28.8210, 14.3110, 26.0542



28.7725, 14.3110, 8.1700

Triad

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



28.8210, 14.3110, 26.0542



10.6800, 14.3110, 0.1983



6.7845, 14.3110, 54.9697

Complementary

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



28.8210, 14.3110, 26.0542



21.7304, 42.1109, 11.4031

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.



4.9996, 14.3110, 26.5000



28.8210, 14.3110, 26.0542



6.7340, 14.3110, 1.7518

Square

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



28.8210, 14.3110, 26.0542



16.8867, 14.3110, 0.1851



4.9845, 14.3110, 8.3763



10.7738, 14.3110, 78.0512

Rectangle

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



28.8210, 14.3110, 26.0542



25.9392, 14.3110, 2.9698



4.9845, 14.3110, 8.3763



5.9692, 14.3110, 45.0436

Sweetspot

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



28.8215, 14.3118, 26.0544



71.7942, 59.1138, 83.8058



12.4263, 5.1887, 55.6049



14.8270, 11.7300, 17.2735



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.



28.8215, 14.3118, 26.0544



49.2355, 24.4582, 44.0339



24.4747, 12.5731, 3.1650



10.9407, 10.7597, 12.6709



18.1633, 9.0149, 16.6018



0.8911, 0.4393, 0.9498

Inverse Universe

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



28.8215, 14.3118, 26.0544



49.2355, 24.4582, 44.0339



27.3032, 44.3400, 40.7488



10.9407, 10.7597, 12.6709



18.1633, 9.0149, 16.6018



0.8911, 0.4393, 0.9498

Previews

White Background



This preview shows how the XYZ color 28.8210, 14.3110, 26.0542 looks on a white background.

Color Contrast Check

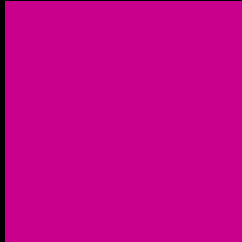
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8210, 14.3110, 26.0542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

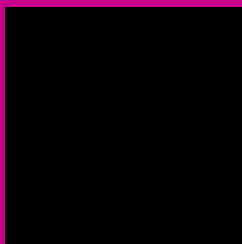
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.8210, 14.3110, 26.0542

Background



This preview shows how black text looks on a background with the XYZ color 28.8210, 14.3110, 26.0542.



This preview shows how white text looks on a background with the XYZ color 28.8210, 14.3110,

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

28.8210, 14.3110, 26.0542

Protanopia

17.2805, 15.2031, 56.6673

Deuteranopia

15.2117, 14.8676, 23.5407



Tritanopia

24.6356, 14.6400, 5.5303

Trichromacy



Original Color

28.8210, 14.3110, 26.0542



Protanomaly

16.5986, 10.6082, 43.2922



Deuteranomaly

17.2947, 11.3983, 23.8428



Tritanomaly

25.3884, 13.7770, 10.5536

Monochromacy



Original Color

28.8210, 14.3110, 26.0542



Achromatopsia

6.8694, 7.2272, 7.8704



Achromatomaly

11.1942, 7.0797, 12.5809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8210, 14.3110, 26.0542 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(201, 0, 140)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 140)  
}
```

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(201, 0, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 140) }
```

Border

The CSS property to change the border of an element to XYZ 28.8210, 14.3110, 26.0542 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(201, 0, 140) }
```


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

```
.border{ border-color:rgb(201, 0, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 0, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8210, 14.3110, 26.0542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 140) }
```

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

```
.background{ background-color: rgb(201, 0,  
140) }
```

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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