

Converting Colors

XYZ(28.5805, 14.6916, 29.3044)

Have a look what the booklet for
XYZ(28.5805, 14.6916, 29.3044)
contains.

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Color

**XYZ(28.5022, 14.6577,
29.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	C41B94
RGB	196, 27, 148
RGB Percent	77%, 11%, 58%
CMY	0.2314, 0.8941, 0.4196
CMYK	0.00, 0.86, 0.24, 0.23
HSL	317°, 76%, 44%
HSV	317°, 86%, 77%
XYZ	28.5022, 14.6577, 29.3440
YIQ	91.3250, 61.8830, 73.4590

Conversions

Conversions Part 2

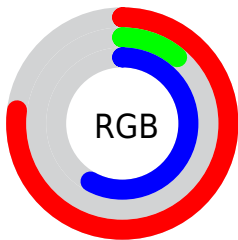
Format	Color
R_{YB}	196, 27, 148
Decimal	12852116
CIE _{Lab}	45.16, 71.04, -23.73
CIE _{LCh}	45, 74.902, 341.526
Yxy	14.6577, 0.3931, 0.2022
Android (android.graphics.Color)	4291042196 (0xFFC41B94)
YUV	91.3250, 27.9408, 91.8000
Hunter-Lab	38.2854, 65.8880, -18.6433

Details

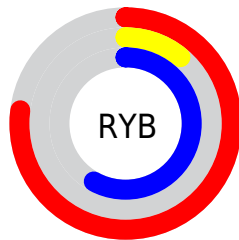
The XYZ color **28.5022, 14.6577, 29.3440** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **21.4629, 40.2215, 13.2915**, and the grayscale version is **9.9480, 10.4661, 11.3975**.

A 20% lighter version of the original color is **56.0835, 33.8900, 59.4626**, and **12.4742, 6.1814, 11.8449** is the 20% darker color. If you saturate the color by 10%, you get **27.7606, 13.8628, 26.9746**, and if you desaturate by 10%, it is **29.5630, 16.0569, 31.9246**.

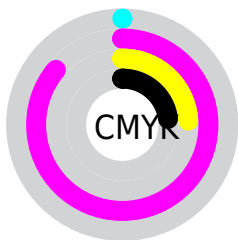
Distribution



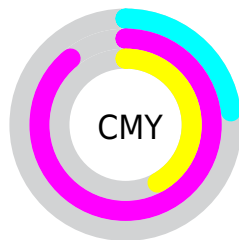
- Red (77%)
- Green (11%)
- Blue (58%)



- Red (77%)
- Yellow (11%)
- Blue (58%)



- Cyan (0%)
- Magenta (86%)
- Yellow (24%)
- Black (23%)





- Cyan (23%)
- Magenta (89%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5022, 14.6577, 29.3440 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 28.5022, 14.6577, 29.3440 by changing the saturation by 10% instead.


 28.5022, 14.6577,
29.3440


 28.5022, 14.6577,
29.3440


286.8957,
221.2849, 312.9462


 18.8470, 8.5795,
19.0934


 56.6883, 34.2516,
59.6719

 11.6631, 4.4679,
11.5603


 75.9498, 48.5360,
80.5862


 6.5853, 1.9386,
6.3261


 99.1442, 66.3247,
105.8922

 3.2481, 0.5714,
2.9724

 126.6367, 88.0019,
136.0085

 1.2863, 0.0000,
1.0806

 158.7928,
113.9522, 171.3534

 0.1729, 0.0000,
0.0000

 195.9777,

 0.0000, 0.0000,

144.5598, 212.3457

0.0000

238.5569,
180.2093, 259.4037

■ 28.5022, 14.6577,
29.3440

■ 28.5022, 14.6577,
29.3440

■ 27.7606, 13.8628,
26.9746

■ 29.5630, 16.0569,
31.9246

■ 27.5229, 13.6390,
26.1196

■ 30.9956, 18.1652,
34.7350

■ 32.8425, 21.0676,
37.7909

■ 35.1402, 24.8361,
41.1059

■ 37.9209, 29.5348,
44.6920

■ 41.2137, 35.2218,
48.5603

■ 45.0456, 41.9502,
52.7209

■ 49.4414, 49.7695,
57.1836

■ 54.4244, 58.7259,
61.9573

Harmonies

Analogous

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



23.3801, 14.6577, 57.3598



28.5022, 14.6577, 29.3440



29.1068, 14.6577, 10.0834

Triad

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



28.5022, 14.6577, 29.3440



11.6912, 14.6577, 0.3128



6.7985, 14.6577, 50.7890

Complementary

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



28.5022, 14.6577, 29.3440



21.4629, 40.2215, 13.2915

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.



5.2350, 14.6577, 23.7648



28.5022, 14.6577, 29.3440



7.4490, 14.6577, 1.6383

Square

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



28.5022, 14.6577, 29.3440



18.0436, 14.6577, 0.4770



5.4313, 14.6577, 7.4267



10.4974, 14.6577, 74.8259

Rectangle

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



28.5022, 14.6577, 29.3440



26.7032, 14.6577, 3.9642



5.4313, 14.6577, 7.4267



6.0631, 14.6577, 41.1640

Sweetspot

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



28.5027, 14.6585, 29.3443



74.5378, 63.5921, 87.8306



13.2495, 6.2616, 52.7352



15.4830, 12.7932, 18.2597



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.



28.5027, 14.6585, 29.3443



49.7423, 24.6609, 46.7027



24.0722, 12.8863, 6.0137



10.3713, 10.1971, 12.0460



17.7230, 8.7790, 16.9854



0.7941, 0.3907, 0.8833

Inverse Universe

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



28.5027, 14.6585, 29.3443



49.7423, 24.6609, 46.7027



26.4841, 42.2300, 39.7325



10.3713, 10.1971, 12.0460



17.7230, 8.7790, 16.9854



0.7941, 0.3907, 0.8833

Previews

White Background



This preview shows how the XYZ color 28.5022, 14.6577, 29.3440 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 28.5022, 14.6577, 29.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

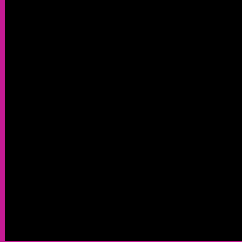
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.5022, 14.6577, 29.3440

Background



This preview shows how black text looks on a background with the XYZ color 28.5022, 14.6577, 29.3440.



This preview shows how white text looks on a background with the XYZ color 28.5022, 14.6577,

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

28.5022, 14.6577, 29.3440

Protanopia

17.5392, 15.2678, 59.7802

Deuteranopia

15.2937, 14.9969, 26.5147



Tritanopia

23.9412, 14.7857, 6.7463

Trichromacy



Original Color

28.5022, 14.6577, 29.3440



Protanomaly

17.1313, 11.7717, 46.7166



Deuteranomaly

17.6897, 12.4950, 27.0706



Tritanomaly

24.9479, 14.2476, 12.5015

Monochromacy



Original Color

28.5022, 14.6577, 29.3440



Achromatopsia

9.9438, 10.4616, 11.3927



Achromatomaly

14.0450, 9.9712, 16.5136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5022, 14.6577, 29.3440 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(196, 27, 148)` looks like.

```
.text, #text, p{  
    color:rgb(196, 27, 148)  
}
```

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(196, 27, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 27, 148) }
```

Border

The CSS property to change the border of an element to XYZ 28.5022, 14.6577, 29.3440 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(196, 27, 148) }
```


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

```
.border{ border-color:rgb(196, 27, 148) }
```

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

Here you see how a box with a 4 pixel rgb(196, 27, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 27, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 27, 148);  
box-shadow:4px 4px 4px 4px rgb(196, 27,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5022, 14.6577, 29.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 27, 148) }
```

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

```
.background{ background-color: rgb(196, 27,  
148) }
```

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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