

Converting Colors

XYZ(28.4787, 14.0659, 30.5729)

Have a look what the booklet for
XYZ(28.4787, 14.0659, 30.5729)
contains.

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Color

**XYZ(28.3726, 14.0135,
30.4876)**

Conversions

Conversions Part 1

Format	Color
Hex	C40297
RGB	196, 2, 151
RGB Percent	77%, 1%, 59%
CMY	0.2314, 0.9920, 0.4078
CMYK	0.00, 0.99, 0.23, 0.23
HSL	314°, 98%, 39%
HSV	314°, 99%, 77%
XYZ	28.3726, 14.0135, 30.4876
YIQ	76.9920, 67.7950, 87.4670

Conversions

Conversions Part 2

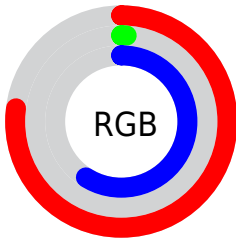
Format	Color
RYB	196, 2, 151
Decimal	12845719
CIELab	44.25, 74.45, -26.96
CIElCh	44, 79.185, 340.095
Yxy	14.0135, 0.3893, 0.1923
Android (android.graphics.Color)	4291035799 (0xFFC40297)
YUV	76.9920, 36.4859, 104.3700
Hunter-Lab	37.4346, 69.7789, -22.0829

Details

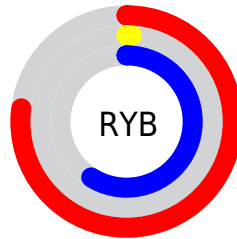
The XYZ color **28.3726, 14.0135, 30.4876** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **20.2791, 39.6987, 9.2861**, and the grayscale version is **6.9810, 7.3446, 7.9983**.

A 20% lighter version of the original color is **55.9530, 32.8610, 61.7863**, and **12.6168, 6.2385, 12.5958** is the 20% darker color. If you saturate the color by 10%, you get **28.3129, 13.9550, 30.2797**, and if you desaturate by 10%, it is **29.0075, 14.6805, 32.5566**.

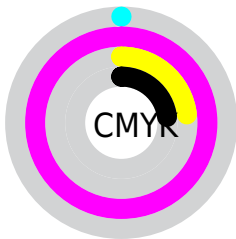
Distribution



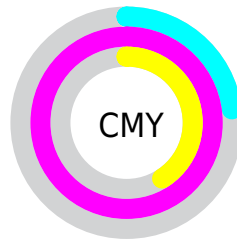
- Red (77%)
- Green (1%)
- Blue (59%)



- Red (77%)
- Yellow (1%)
- Blue (59%)



- Cyan (0%)
- Magenta (99%)
- Yellow (23%)
- Black (23%)





- Cyan (23%)
- Magenta (99%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3726, 14.0135, 30.4876 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 28.3726, 14.0135, 30.4876 by changing the saturation by 10% instead.


 28.3726, 14.0135,
30.4876


 28.3726, 14.0135,
30.4876


286.2910,
217.3148, 318.4485

 18.7486, 8.1301,
19.9538

 56.4833, 33.1130,
61.5025


 11.5917, 4.1783,
12.1777


 75.7006, 47.0978,
82.8207


 6.5365, 1.7738,
6.7408


 98.8465, 64.5519,
108.5708

 3.2177, 0.4708,
3.2246

 126.2863, 85.8596,
139.1714

 1.2699, 0.0000,
1.2104

 158.3852,
111.4054, 175.0408

 0.1605, 0.0000,
0.0000

 195.5088,

 0.0000, 0.0000,

141.5735, 216.5978

0.0000

238.0222,
176.7486, 264.2609

■ 28.3726, 14.0135,
30.4876

■ 28.3726, 14.0135,
30.4876

■ 28.3129, 13.9550,
30.2797

■ 29.0075, 14.6805,
32.5566

■ 29.9194, 15.8789,
34.7890

■ 31.1836, 17.7586,
37.2107

■ 32.8444, 20.4077,
39.8370

■ 34.9392, 23.9013,
42.6813

■ 37.5013, 28.3052,
45.7554

■ 40.5604, 33.6791,
49.0699

■ 44.1438, 40.0771,
52.6346

■ 48.2769, 47.5498,
56.4586

Harmonies

Analogous

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



22.8077, 14.0135, 60.5391



28.3726, 14.0135, 30.4876



29.2748, 14.0135, 9.9234

Triad

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



28.3726, 14.0135, 30.4876



11.2961, 14.0135, 0.0000



6.0043, 14.0135, 50.5678

Complementary

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



28.3726, 14.0135, 30.4876



20.2791, 39.6987, 9.2861

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.



4.5651, 14.0135, 22.2273



28.3726, 14.0135, 30.4876



6.9128, 14.0135, 1.1056

Square

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



28.3726, 14.0135, 30.4876



17.9129, 14.0135, 0.1289



4.8343, 14.0135, 6.1950



9.5871, 14.0135, 77.1959

Rectangle

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



28.3726, 14.0135, 30.4876



26.8855, 14.0135, 3.5977



4.8343, 14.0135, 6.1950



5.3147, 14.0135, 40.2931

Sweetspot

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



28.3731, 14.0142, 30.4878



72.5831, 59.4293, 87.9598



11.0270, 4.5663, 52.5252



15.0164, 11.8058, 18.2712



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.



28.3731, 14.0142, 30.4878



51.1858, 25.2383, 54.3038



23.5253, 12.0751, 4.9600



10.3941, 10.2063, 12.1659



18.2265, 8.9804, 19.6367



0.8125, 0.3980, 0.9799

Inverse Universe

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



28.3731, 14.0142, 30.4878



51.1858, 25.2383, 54.3038



24.5763, 41.4176, 31.9147



10.3941, 10.2063, 12.1659



18.2265, 8.9804, 19.6367



0.8125, 0.3980, 0.9799

Previews

White Background



This preview shows how the XYZ color 28.3726, 14.0135, 30.4876 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 28.3726, 14.0135, 30.4876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

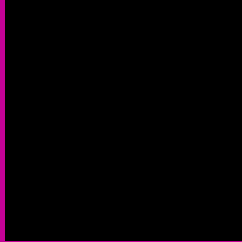
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.3726, 14.0135, 30.4876

Background



This preview shows how black text looks on a background with the XYZ color 28.3726, 14.0135, 30.4876.



This preview shows how white text looks on a background with the XYZ color 28.3726, 14.0135,

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

28.3726, 14.0135, 30.4876

Protanopia

17.5233, 14.8316, 65.5575

Deuteranopia

14.8963, 14.6229, 27.2367



Tritanopia

23.4993, 14.4094, 6.2454

Trichromacy



Original Color

28.3726, 14.0135, 30.4876



Protanomaly

15.5686, 9.8317, 50.3674



Deuteranomaly

17.0095, 11.2469, 28.0624



Tritanomaly

24.5293, 13.4837, 12.1363

Monochromacy



Original Color

28.3726, 14.0135, 30.4876



Achromatopsia

7.0540, 7.4214, 8.0819



Achromatomaly

11.3850, 7.2738, 13.9006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3726, 14.0135, 30.4876 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, 2, 151)` looks like.

```
.text, #text, p{  
    color:rgb(196, 2, 151)  
}
```

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, 2, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 2, 151) }
```

Border

The CSS property to change the border of an element to XYZ 28.3726, 14.0135, 30.4876 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, 2, 151) }
```


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

```
.border{ border-color:rgb(196, 2, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 2, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 2, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 2, 151);  
box-shadow:4px 4px 4px 4px rgb(196, 2,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3726, 14.0135, 30.4876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 2, 151) }
```

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

```
.background{ background-color: rgb(196, 2,  
151) }
```

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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